je Kining Iournal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1594.—Vol. XXXVI.

LONDON, SATURDAY, MARCH 10, 1866.

STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE.

M. R. JAMES CROFTS, SHAREBROKER,

No. 1, FINCH LANE, CORNHILL.

(Established 23 years.)

Ingerial Welsu Slate and Slas Contant (Linigap).—The prominent points of interest and merit in these quarries are 6½ per cent. interest on capital paid up for the two first years of working, and (astimated) 25 to 30 per cent. net profits the third year. Quality mexceptionable (see various corroborative letters in Journal). Quantity inexhaustible; unusual facilities for shipping; low expenditure; scientific and experienced management; slabs cost 18s., and saleable at 40s. to 80s. a ton; slates in same proportion; demand unlimited. Waste (or "top") disposed of with greatest facility. Ample water-power for sawing and planing slabs, and for all other purposes. Royalty very low; slates, 1-20th; slabs, 1s. per ton.

Prospectives forwarded on application, and information given on all details required. Samples of the produce may also be inspected at Mr. Cropts' office, and small specimens furnished for transmission by "Pattern Poss" to any part of the United Kingdom free.

Battest Mines.—East Loyal. is now the cheapest tin share in the market, dividend, as usual, next month. North Transkers in good demand, and safe. Other shares to BUY:—Chiverton Moor, Great North Laxey, Ver, Tincroft, Ding Dong.

Bankers: The National Bank of Scotland, Finch-lane.

ONE MILLION STERLING loss of capital in one Joint-Stock Company would have purchased the cream of all the SLATE QUARRIES in Wates, and paid, after one or two years' working, 20 to 30 per cent. locome for an indefinite period of years "a" See advartisement above. JAMES CROFTS.

MR. LELEAN (Member of the Mining Exchange) BUYS and SELLS all descriptions of ENGLISH and FOREIGN STOCKS and SHARES, INSPECTS MINES, and TRANSACTS all the usual BURINESS of a STOCK and SHAREDEALER. Parties may rely upon him for sound advice and punctuality to all his engreeness.

uality in all his engagements.

Bankers: Roberts, Lubbock, and Co., Lombard-street.

11, Royal Exchange, London, E.C.

M. R. LELEAN'S STOCK, SHARE, AND FINANCE REGISTER for March (published on Wednesday last) should be consulted by all who wish to make safe and profitable investments, giving from 10 to 15 per cent., or to review the state of the markets for the preceding month. Single copies, 6d. each; annual subscription, 5s. Published monthly, and sold by Mesers. Pottle and Son, 14 and 15, Royal Exchange, London, E.C.

MR. LELEAN recommends the immediate purebase of Great La Central Shalibeach, Rosswarne Consols, Trelyon, Wheal Margery, East I Great North Laxey, and Great South Chiverton. Mr. Leheam refers correspondents to his remarks in this day's Journal, p. 149. 11, Royal Exchange, London, E.C., March 9, 1866.

of seit to turn in his advice.

BPECIAL BUSINESS in the gold mines, at close prices.

Money advanced on mining shares.

Bankers: Bank of London. March 9, 1866.

MESSRS. McNEILL AND LONG, STOCK, SHARE, AND MINING DEALERS,
7, POPE'S HEAD ALLEY, LOMBARD STREET, E.C. Bankers: Alliance Bank.

I L I A M S E W A R D,

NOTICE OF REMOVAL.

E S S R S. W A R D A N D J A C K M A N,

STOCK AND SHAREDEALERS, bave REMOVED from 2, Adam's-court,
1, CUSHION COURT, OLD BROAD STREET, CITY, E.C. Bankers: London and Westminster, Lothbury.

MR. T. ROSEWARNE, 81, OLD BROAD STREET,
LONDON, E.C., has BUSINESS to TRANSACT, in the FOLLOWING
MINES, for each or time on:
Bedford United.

East Carn Brea.

Marke Valley.

MINES, for cash or time on:

Bedford United.

Bryn Gwiog.

Brin Gwiog.

East Carn Brea.

Bryn Gwiog.

Brin Gwiog.

East Guonislake.

North Treskerby.

Frontino and Bolivia.

North Reskear.

North Reskear.

North Reskear.

North Reskear.

North Reskear.

North Reskear.

Wheal Rose.

Chiverton Moor.

Chontales.

Hallenbesgle.

Wheal Basset.

Wheal Basset.

Wheal Basset.

Wast Chiverton.

East Russell.

Lady Bertha.

Parties who sold Great Vors last week on my recommendation can buy back at £3

per share less. I am still a SELLER for time on below present market prices.

An OFFER WANTED for Bedol-Aur, St. Day United, Rosewarne United, and Central Minera.

T. Rosgwanne can recommend these related to the control of the co

An OFFER WARRE Can recommend three mines safe for a great rise within the next three months, and has no objection to guarantee half loss for half profit.

March 9, 1866.

Bankers: Bank of London.

SHARES WANTED in the FOLLOWING MINES.

8t. Ivea Consols.
South Frances.
North Do
Margaret.
77, Old Broad-street, and Mining Exchange, London, E.C. WALTER TREGELLAS, 122, BISHOPSGATE

N. WALTER TREGELLARY, 222, DISHUTSURALE STREET WITHIN, continues to deal at close market prices in all DIVIDEND and good sound PROGRESSIVE MINES, either for each or the account.

WARREKLAR calls the attention of his friends to the Taquaril Gold Mine (Limited), Brazil, in 30,000 shares of £2 each. Deposit 5s, per share on application. No call to be made at a less interval than three months, or to exceed 5s, per share, neither is it anticipated that more than £1 per share in all will were be required. Shares are largely subscribed for, and W. TRUCKLAS has only a very limited number for distribution amongst his friends at par.

BUSINESS in Wheal Basset and Grylls.

BUSINESS in Wheal Basset and Grylls. BRITISH AND FOREIGN INVESTMENT.—

MR. THOMAS SPARGO, 224, and 225, GRESHAM HOUSE, OLD BROAD

STREET, LOYDON, E.C., TRANSACTS EVERY DESCRIPTION OF BUSINESS
In the PURCHASE and SALE of SHARES in BANKS, CANALS, MINES, RAILWAYS, BRIDGES, INSURANCES, and ALL OTHER DESCRIPTIONS OF BRITISH
and FOREIGN STOCK.

Mr. Syargo has 20 years' experience of mining, ten of which he was engaged in prac-

Mr. Syango has 20 years' experience of mining, ten of which he was engaged in practical mining, and ten years he has transacted business in mining shares and stock, at 224 and 225, Gresham House, Old Broad-street, City, E.C.

Bankers: Bank of London.

M. R. GEORGE BUDGE, No. 4, ROYAL EXCHANGE BUILDINGS. LONDON, E.C. (Established 18 years), has FOR SALE MINING and OTHER SHARES, at net prices, as usual. SPECIAL BUSINESS in Chontaies, Frontino and Bolivia, Quebrada, Anglo-Brazilian, Den Pedro, United Mexican, and Gawton.

NEW GOLD AND SILVER MINING COMPANY.—I allude to this undertaking in my "WEEKLY CIRCULAR" of yesterday, Friday, 9th March, No. 361, vol. VIII., and I am now making up a list of applications, which are likely to be very numerous. A large number of shares are aiready becapted; and I am prepared to receive names for my list. The company is being formed in the same office from which emanated the Foreign Lands and the Chontales Gold Company.

Peter Watson, Stock and Share Dealer, 79, Old Broad-street.

PRONTINO AND BOLIVIA GOLD COMPANY.—Impostant information on these mines appears in "PETER WATSON'S WEEKLY PETER WATSON'S OF STREET WATSON, 79, Old Broad-atreet, London, E.C.

STOCK EXCHANGE SECURITIES.

Railways. Financial. Steamship. Ironworks. Banks.
Foreign Funds.
Loan.
Gas.
Telegraph.
Land.
Cornish Mines.
And other public companies.

English Funds. Docks. Water Works Hotel.

MR. PETER WATSON, STOCK AND SHAREDEALER,

M. R. PETER WATSON, STOCK AND SHAREDEALER,
begs to state that every information respecting any of the above companies may
be had on personal application, or by letter, as to PURCHASES and SALES, with
advice as to the most desirable investments.

From the close proximity of his offices to the Stock Exchange, and also the Mining
Exchange, he is enabled to act with promptitude on all orders entrusted to him in the
PURCHASE or SALE of every description of stocks or shares, at nett prices for cash
or fortnightly settlements.

TELEGRAPHIC MESAGES of customers to BUY or SELL in any of the above
companies punctually attended to, at nett prices for cash or half-monthly settlements,
at the closest posible market pricas of the day.

Twenty-one years'experience.

(Two in Cornwall and Nineteen in London.)

Bankers: The Union Bank of London, and the Alliance Bank.

Bankers: The Union Bank of London, and the Alliance Bank.

Bankers: The Union Bank of London, and the Alliance Bank.
The present is an unusually favourable period for the investment of capital.
A SELECTED LIST of Railways, Banks, Financial, Foreign Funds, Steam
Foreign and Cornish and Devon Mines, &c., sent on application, with special re
mendations as to investments, &c., on the distinct understanding that any busine
suiting through his information or advice may be done through bim.
Fatze Warson, Stock and Sharedenier, 78, Old Broad-street, London, E.C.

PETER WATSON, Stock and Sharedealer, 79, Old Broad-street, London, E.C.

M. R. E.D. W. A.R.D. C.O.O.K.E., STOCK AND MINE
SHAREDEALER, 2, CROWN CHAMBERS, THREADNEEDLE STREET,
AND MINING EXCHANGE, LONDON, E.C.
Prospectuses, with interesting particulars relating to the Chontales Gold and Silver
Mining Company's property, senf free by post upon application, the shares in which are
deserving the attention of anyone having capital to invest, as there is every probability
of their going to a very high premium. Enwand Cooke deals in those shares. and of
Frontine and Bolivia, either as BUYER or SELLER, at market prices; also in Foreign
Lands and Mineral Rights Purchase shares.
SELLER of I Foreign Lands and Mineral Bights share. DEALER in Nevada Inrestigation shares. Every information afforder relative to the above.
Satisfactory references given in any town is the United Kingdom.
Prospectuses of the Hollybush Colliery and Coke Gempany, and also of the Imperial
Weish Slats and Slab Company (Limited) sent free en application.
March 9, 1866. Bankers: Alliance Bank, Lothbury.

I L L I A M W A R D,

THOMAS HAMILTON, STOCK AND SHAREBROKER, 1, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. (Member of the Mining Exchange.)

MR. E. GOMPERS, MINING OFFICES, S, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C.

JOHN RISLEY, 32, LOMBARD STREET, and MINING EXCHANGE, LONDON, E.C., has SPECIAL BUSINESS in East Greeville, Wheal Buller, and West Caradon shares. MESSRS. THOMPSON AND CO., SHAREDEALERS

TIONE STATE TO A TO SHARD CO., SHARD EALERS

7. BISHOPSGATE STREET, LONDON, recommend an immediate purchas
in Clowance Wood Mining shares, as the best speculation in Cornwall. Special an
latest reports, and information, forwarded on application.

Pedn-em-drea and Sparmon shares are also recommended.

Stocks and shares of every kind bought and sold.

MR. G. D. SANDY, SHAREDEALER, No. 48, THERADNEEDLE STREET, LONDON, E.C. (Member of the Mining Exchange), TRANSACTS BUSINESS in EVERY DESCRIPTION of STOCK EXCHANGE SECURITIES and MINING SHARES, at the closest market prices.

Correct Daily Price List issued gratis on application.

Mr. G. D. Sandy's "Circular" is now ready, gratis on application.

Mr. HUME is in a position to recommend two or three mines whise in price during the ensuing season.

Bankers: The London Joint-Stock Bank.

MR. H. WADDINGTON, 77, OLD BROAD STREET,
WEST CHIVERTON.—The lode is now being cut in the 100 fm. level, and as far as seen
is equally as rich as in the 30 over. Shares are £75 to £30, while Chiverton Moor to
the west, towards which all the rich deposits of West Chiverton (which are neither
small or triflings, but will give immense profits) are dipping.
CHIVERTON MOOR shares close £6½, 7, and are exceedingly scarce. For investment
or rise H. WADDINGTON knows no better share.
CUONTALES gold shares are worth attention at the present reduced prices.

WILLIAM MICHELL has the following SHARES to

DISPOSE OF, at market prices:

100 Great Wheal Busy.
50 Hailenbeagie.
100 North Treakerby.
BUYER Of.
200 Frontino and Bolivia.
50 Great North Lawy.
20 Great Wheal Vor. 60 East Grenville. 100 Chontales. 20 Chiverton Moor. 20 East Caradon.

5 Great Laxey.
Apply at 42, Cornhill, London, E.C.

Apply at 42, Cornhill, London, E.C.

BIAREDEALERS, No. 2, BUCKLERBBURY. LONDON, E.C.
BUSINESS TRANSACTED at close nett prices in BANKS, MINES, RAILWAYS, and ALL OTHER STOCK EXCHANGE SECURITIES. Advice given as to the best paying investments. Lotters and telegrams promptly attended to.

WANTED TO PURCHASE:—
20 Great Laxey. 20 Chiverton.
10 Nangiles. 150 East Greaville. 5 West Chiverton.
10 Nangiles. 150 East Greaville. 100 Rosewarne Consols.
70 Great North Laxey. 5 South Crofty.

Sellers please state lowest price for cash.
BARTLENT and CHAPMAN recommend for permanent investment Great Laxey, West Chiverton, Central Snalibeach, South Crofty, North Freskerby, and Clifford Amalgamated. For speculation:—Chiverton Moor, Rosewarne Consols, East Grenville, Great North Laxey, East Russell, Great Fortune, North Jane, and East Chiverton.

Money advanced on mining shares.

Bankers: Alliance, Lothbury.

THE INVESTMENT, LOAN, AND FINANCE AGENCY.

Bankers: The Agra and Masterman's Bank.

This Agency has the following SHARES ON SALE at the middle market price of the day, free of commission:—

CHONTALES,
FRONTINO AND BOLIVIA,
WASHOE,
YUDANAMUTANA,
GREAT NOETH LAXEY.
CHARLES PETERS, Secretary.

No. 12, Clement's-lane, Lombard-street, London, E.C.

MR. T. P. THOMAS, MINING AGENT AND AUCTIONEER, 6, NEW BROAD STREET, LONDON, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 18, UNION CHAMBERS, UNION COURT, OLD BROAD STREET, LONDON, E.C.

MESSRS. LANE AND GIBBS, 2, ROYAL EXCHANGE, LONDON, E.C., AND MINING EXCHANGE, STOCK AND SHARE-DEALERS, AND FINANCIAL AGENTS, transact business in all kinds of securities

closest nett prices for cash or account.

SPECIAL BUSINESS in Chontales, Caldbeck Fells, and Frontino, for cash or the ortnightly settlement.

Parties of respectability can have transfers registered into their names previous to Daily price list on application. Bankers: London and County Bank.

M R. FREDERICK WILLIAM MANSELL,
STOCK AND MINING SHAREDEALER,
26, THROGMORTON STREET, and MINING EXCHANGE, LONDON.
Bankers: London Joint-Stock Bank.

MR. J. W. HUTCHINSON, 78, OLD BROAD-STREET, and MINING EXCHANGE, LONDON, E.C., DEALER in MINING and OTHER SHARES, also in those temporarily unsaleable.

Bankers: City Bank.

MR. J. B. REYNOLDS, 3, CROWN COURT, OLD BROAD STREET, LONDON, E.C., DEALER in BRITISH and FOREIGN MINES, RAILWAYS, BANKS, &c., and all securities dealt in on the Stock Exchange.

Chontales.

Chontales.

Chortales.

Chortales.

Ciliford Amalgamated.

West Sharp Tor.

West Caradon.

Hollybush.

South Callington.

South Callington.

Daie (Limited). Central Snailbeach. North Chiverton. Dale (Limited). Frontino (Limited). Caldbeck Fells.

Mr. RETNOLDS does not advertise shares for sale at fixed prices, but nevertheless is repared to deal on as reasonable terms as those who do.

Mr. RETNOLDS has also business in the financial and other companies, including Crett Foncier and Mobilier, and Imperial Land Company of Marreilles, cash or time. March 9, 1866.

W EST SHARP TOR.—MR. J. B. REYNOLDS has SPECIAL BUSINESS, both as BUYER and SELLER.
3, Crown-court, Old Broad-street, March 10, 1866.

ALE MINING COMPANY (LIMITED).—MR. J. B. REYNOLDS has SPECIAL BUSINESS in these shares, both as BUYER and SELLER.—3, Crown-court, Old Broad-street, March 10, 1866.

MR. J. B. REYNOLDS directs attention to his letter, which will be found on page 149 of this week's Journal. 3, Crown-court, Old Broad-street, March 10, 1866.

3, Crown-court, Old Broad-strest, March 10, 1866.

MR. WILLIAM MARLBOROUGH, 1, GREAT ST. HELLEN'S,
BISHOPSGATE STREET, LONDON, E.C. (Established 11 years), has FOR
SALE the FOLLOWING SHARES, at nett prices:
50 Chontales, £2 6s. prem. 75 North Downs, 2s.
55 Gk, Nth. Laxey, £7 13s.
60 North Chiverton.
60 North Chiverton.
61 Cook's Kitchen, £4 5s.
62 Cape Copper, £4 6s.
63.
63 Laddy Berthan, 10s. 3d.
64 Crebory, 18s. 5d.
65 Cape Copper, £4 6s.
65 Least Basset, £22;
65 North Basset, 7s. 6d.
65 North Koskear, £11½
65 North Chiverton.
65 Prem.
67 North Chiverton.
68 Prices.
69 Prices.
60 Prices of Wales, 6s.
61 O Frice of Wales, 6s.
63 Cape Copper, £4 6s.
65 Least Basset, £22;
65 North Basset, 7s. 6d.
65 North Chore, £32;
65 Providence, £32;
66 Bottle Hill, 8s. 3d.
67 North Chiverton.
68 Prices.
69 Prices.
60 Prices.
60 Prices.
60 Prices.
61 O Prices of Wales, 6s.
63 Cape Comper, £36;
65 Great Vor, £284;
65 Great Lave, £24;
66 Bottle Hill, 8s. 3d.
67 Providence, £32;
68 So. Condurrow, 36s. 3d.
69 South Greaville, 4s. 4s.
60 Valenty, £14;
60 Valenty, £14;
61 South Great Lave, £23;
62 South Great Lave, £23;
63 South Great Lave, £23;
64 O Frituna, £3 Is. 3d.
65 South Great Lave, £24;
65 Rost Vor, £284;
66 South Great Lave, £24;
66 South Great Lave, £24;
67 Fortigan, £24;
68 South Great Lave, £24;
69 South Great Lave, £24;
69 South Great Lave, £24;
60 South Great Lave, £24;
61 South Great Lave, £24;
62 South Great Lave, £24;
63 South Great Lave, £24;
64 South Great Lave, £24;
65 Providence, £32;
66 South Great Lave, £24;
67 South Great Lave, £24;
68 South Great Lave, £25;
68 South Great Lave, £24;
69 South Great Lave, £24;
60 South Great Lave, £24;
61 South Great Lave, £24;
62 South Great Lave, £25;
63 South Great Lave, £25;
64 South Great Lave, £25;
65 South Great 40 Crebor, 18s. 6d.

30 Angio-Brazilian, 1s. 3d.

50 3d.

50 3d.

50 3d.

50 3d.

50 No. Treskerby, £3 5s 6d.

50 Ing Dong, £11½.

50 Great Vor, £283½.

50 Frovidence, £32.

51½.

50 Frovidence, £32.

50 South Grenville, £2 18 9

50 South Grenville, £3 48 5d.

50 South Grenville, £3 48 5d.

50 South Grenville, £4 5d.

50 South Grenville

MR. J. P. ENDEAN, SHAREDEALER, &c., of 25 years' experience, DEALS, and NEGOCIATES the SALE and PURCHASE of SHARES in Mines, Banks, Hotels, Water-works, Bridges, Canals, and every, other marketable security, at nett prices, for each or the fortnightly settling.

5, Finsbury Chambers, London-wall, E.C.

THE BRITISH AND FOREIGN MINING AGENCY, AND GENERAL INVESTMENT OFFICES, No. 5, FINSBURY CHAMBERS, LONDON WALL, LONDON, E.C.

MATTHEW GREENE, STOCK AND SHAREDEALER, ST. MICHAEL'S HOUSE, CORNHILL, LONDON, Is always prepared to deal at close prices in mining, bank, and railway shares, &c. NEW CLEPTORD MINE,—I strongly recommend the purchase of these shares. The fiew engine went to work on Thursday, the 1st of March (see report in this day's MINING

MATTHEW GREENE is a buyer of Great North Laxeys, at £2 8s. 9d.

GREAT NORTH LAXEY.—In reply to Messrs. Watson and Cuell's assertion that my letter of Feb. 17 was false and devoid of truth, I beg to observe that I am prepared to substantiate my remarks in every particular. I never wrote to any shareholder offering less than 30s., and to many I offered 33s. 64. As for the rise in the price of the shares, I think the shareholders are indebted to me for the advance that has taken place, as little or any notice was taken of the mine until I made a market by offering to buy. I repeat that the returns of Great Laxey were exaggerated, by stating them to be £70,000 for the year at the very time that the statement sent from the ciffice of the company stated them at £56,000 only. In conclusion, I may observe that no communications expressing indignation or disgust have as yet reached me; on the contrary, I have added considerably to my list of clients, in consequence of my offer to purchase these shares.

(Signed) MATTHEW GREENE. St. Michael's House, Cornhill.

MR. JOHN BATTERS, STOCK AND MINING SHARE BROKER, 13, TRIGOGMORTON STREET, LONDON, E.C. IMPERIAL WELSH SLATE AND SLAR COMPANY (Limited) as a safe investment. These shares abould be applied for immediately.

HOLLTHUSH COAL AND COKE COMPANY (Limited), with a guaranteed minimum dividend of 10 per cent., are safe for a rise of 50 per cent. Mr. BATTERS is prepared to deal in these shares, at \$\frac{3}{5}\$ prem.

NORTH DOLCOATH, by the judicious management of the agents and directors in continuing to sink the shaft, seems on the ove of a great discovery. Shares should be purchased at once for a great rise.

MPERIAL WELSH SLATE AND SLAB COMPANY (LIMITED).—Having made myself fully acquainted with the bona fides of this property, the value of which I believe to be much understated, I can with safety recommend it to the investing public, and with a minimum guaranteed dividend of 64 per cent, it does not partake of a speculation. Prospectuses, with all particulars, will be forwarded free on application to Mr. John Batters, Stock and Mining Sharebroker, 13, Throgmorton-street, London, E.C.

MR. THOS. THOMPSON, MINING OFFICES,

12, OLD JEWRY CHAMBERS, LONBON, E.C.

THE GREAT LAXEY MINING COMPANY (LIMITED).
THE SNAEFELL MINING COMPANY (LIMITED).
THE EAST SNAEFLL MINING COMPANY (LIMITED).
THE EAST LAXEY MINING COMPANY (LIMITED).
THE EAST LAXEY MINING COMPANY (LIMITED).
THE CENTRAL LAXEY MINING COMPANY (LIMITED).
THE CENTRAL SNALIBEACH MINING COMPANY (LIMITED).

THE CENTRAL SNALIBEACH MINING COMPANY (LIMITED).

ASSAY OFFICE (In close proximity to the railway station).

Messirs. A. E. and N. W. PRINCE.

ASSAY OFFICE (in close proximity to the railway station).

Messrs. A. E. and N. W. PRINCE.

Samples sent to the above office will be attentively assayed, and produce the following day, if required.

MESSES. A. E. AND N. V. PRINCE, MINING TO GENERAL SHAREDEALERS, CAMBORNE, CORNWALL.

Being in the immediate neighbourhood of the most important mining district for land, and intimately acquainted with the managers and agents of mines, should be consulted as to the best paying and speculative investments.

suited as to the best paying and specialities investments.

Prince and Co. are always in a position to purchase or dispose of shares in any marketable mine, at close prices, free of commission.

Orders executed with promptitude.

Original Correspondence.

OIL AND COKE FROM COAL AND SLACK.

Str.,—Your correspondent, "H. J. C.," whose letter appeared in the Journal of Feb. 24, is very far wide in his surmises; but I will try to put the invention before him in a few plain words. It is, ordinary coking ovens, so constructed, arranged, and worked, that the gaseous matter at present consumed is procured as coal oil, and the coke is such as ordinary coking ovens produced, with the difference that softer or harder coke (from smithy to blast-furnace coke) can be got at the will of the operator, and the violation of the operator, and the violation of the operator. ovens produced, with the difference that softer or harder coke (from smithy to blast-furnace coke) can be got at the will of the operator, and the yield is also much larger. For the plan of these ovens, and the mode of working them, I beg to refer him to the patent published in Jan., 1866, a copy of which he can get from the Commissioner of Patents Office, Chancerylane, London. Your correspondent appears to think that if the oil-producing matter is expelled from coal its coking properties are destroyed, and he is by no means singular in this respect. I was told a short time ago by a man of considerable experience in the working of coking ovens, that if I succeeded in converting a charge of slack that had been exhausted of its oil-producing properties into blast-furnace coke he would eat it; in a few hours this change was effected, I need hardly say he did not try his digestive organs upon it. All the volatile matter in coking coal, capable of being condensed into oil, may be expelled by distillation, without at all effecting its conversion into hard blast-furnace coke, which change is effected by properly regulated combustion. Perhaps an example will show more clearly my meaning. Let your correspondent take an ordinary cast-iron retort, used for distilling oil from coal, charge it, work the charge in the usual manner at the proper temperature for oil making, and get all the oil he can out of the above the charge than the charge in the charge than the charge in the char the oil he can out of the charge; when this is done prepare to draw the charge, but instead of doing so merely take a sample of the coke or cinder that remains. Put the door again on the front of the retort, leaving sufficient space to admit air enough into the retort to allow combustion to occent space to admit air enough into the retort to allow combustion to occur; let this condition of things continue until the mass in the retort is of a bright red heat: now regulate the door of the retort so as to retard combustion, and after the charge has been submitted to this treatment for a short time, it will be found when drawn to have been changed from a soft spongy cinder into a dense bright coke. Apply this principle to coking ovens, and you have my scheme. (I would remark that this experiment

must be tried cautiously, as it is apt to jeopardise the retort.)

My argument is that the volatile products of coal had better be distilled
out than burnt out. They must come out before coke can be got. Burn
them out and you lose them; distil the coal and you can condense them. Either burnt out or distilled out the condition necessary for producing coke is not altered up to this point. If the coal has got thus far on its way by burning it is continued; if thus far by distillation the process is changed burning it is continued; if thus far by distillation the process is changed to burning. Therefore, it will be seen that at one time the ovens work under the same conditions as retorts; at another, as ordinary coking-ovens, with the difference that the heat evolved by the ignited distilled charges getting converted into coke is made the agent for the distillation of raw charges in other ovens. It will plainly be seen that the yield of coke by my method must be larger, for this reason—none of the fixed carbon of the coal is burnt away in the expulsion of the free carbon by distillation, whereas in the burning away of the volatile products in the ordinary manner it is a matter of necessity that a portion of the fixed carbon is converted into ash.

Your correspondent is quite correct in stating that sufficient Wigan coal capable of producing 1 ton of oil could not be got for 25s.; but I have no doubt he will agree with me in thinking that, considering the source from which I purpose to get the oil, it is quite possible to be sold at that low price, and even then leave a very handsome margin for profit to the producer.

J. Nicholas.

Mineral Oil Works, Aspull, near Wigan, March 1.

THE RATING OF COAL MINES.

SIR,-In my former letters I think I have answered all the objections that have been raised against the principles I have propounded for Rating Coal Mines. The first proposition made by the Coal Trade was that the "Royalty" or "Mine Rent" alone should be taken as the measure of the annual value of a colliery for the purpose of assessment, such rent to include all the buildings and machinery necessary to work the mine. The "absurdity" of this proposition was seen at once, and it was admitted that if the lessor of the coal per se sunk the shaft, put up the buildings, and provided the plant the lessee would be willing to pay an increased ren

ergo, the rent of the coal alone does not represent the rent of a current-

and provided the plant the lessee would be willing to pay an increased rent—ergo, the rent of the coal alone does not represent the rent of a current-going colliery.

Next came the objection of a Mr. Thomas, on the ground that the machinery was not rateable; this I think was satisfactorily answered. Then followed an objection by an anonymous writer "Arby," who contended that "no mining plant should be rated until by profits the full outlay for shafts, plant, &c., together with accumulated interest, had been redeemed;" this point was, I think, also satisfactorily disposed of.

The last "plan" for rating mines that I have seen is contained in a paper read by Mr. G. C. Greenwell, F.G.S., before the Institute of Mining Engineers, at Newcastle-or. Tyne, and published in the Mining Journal of Nov. 18, 1865. I think what was said by an eminent lawyer on the principle propounded by the Coal Trade may with equal force be applied to Mr. Greenwell's paper—that it "sets all the rales of the Courts at defiance, and tries to substitute new notions, and no rate founded upon any such principles would be allowed to stand."

Mr. Greenwell contends that the coal is not paid for till it is severed, and when severed that it is stock in trade, and, therefore, not rateable; and he argues that "the machinery of a mine is not rateable, because no amount of repairs would maintain it," and he contends that the rent a tenant would give for a colliery would be what he "would give to the landlord for such fixtures as the previous tenant could not remove; he could not thus become tenant of the machinery at all—he would have to purchase it, and he could only do this in the event of the previous tenant being willing to sell." Of course, if the occupying tenant did not quit the colliery another person could not become a tenant at all; but if the occupying tenant was about to quit he would be bound first to offer the mocable plant to his lessor at a valuation.

It is very evident that Mr. Greenwell is not conversant with the law of

plant to his lessor at a valuation.

It is very evident that Mr. Greenwell is not conversant with the law of rating, as the superior Courts have decided "that a coal mine should be rated upon the coal produced." (R. v. Attwood, 6 B. and C., 277.) And it has also been decided that the lessee of a colliery is rateable "for his engines;" "that it is immaterial as to rateability whether the landlord or tenant erect the engine, the bargain between the landlord and tenant may he varied on that scornt, but the companier is rateable "for his

be varied on that account, but the occupier is rateable."

Mr. Greenwell also objects to coal mines being rated on an estimate of their nett profits, as "it would have the simple effect of converting a poor rate into an income tax." The statute of Elizabeth provides that the inhabitants are to be rated according "to their ability," and it has been decided that their "ability is to be estimated by their profits." Unquestionable a valuation has a poor the next profits with liberal detactions for ably a valuation, based upon the nett profits, with liberal deductions for interest and tenant's profits, would be the most correct mode of rating coal mines, but for the reason I assigned in my former letters that principle has, for the present, been abandon

Mr. Greenwell suggests that that the rateable "value of a colliery should be based on such rent as would be given to a landlord for the 'unmovable' plant necessary, on the average of the whole kingdom, to produce the quantity of coal worked at any given colliery." He estimates "the average cost of shafts, engine-houses, and other unmoveable plant necessary to produce 30,000 tons per annum, at 10,000%;" and he proposes to take the gross rent at 6 per cent. on this sum, and to deduct one-sixth for repairs, "thus making the rateable value of collieries 5002, per annum for every 80,000 tons of coals raised." Mr. Greenwell thinks this plan "easy of general application," and "consistent with the Parochial Assessment Act."

It is scarcely worth examining Mr. Greenwell's suggestions, inasmuch as the foundation of his hypothesis is erroneous. He has wholly excluded the produce of the mine, and confined his calculation to the valuation of the unmovable part of the plant, whereas, as I have already shown, the mine must be rated on the produce, and for all buildings and plant attached to the mine, whether movable or "unmovable," and without "considering whether such plant is real or personal property, or whether it be-sidering whether such plant is real or personal property, or whether it be-longs to the lessee or lessor, or whether it would go to the heir or executor." (R. v. The Southampton Dock Company, 15 J. P., 145; and R. v. The North Staffordshire Railway Company, 24 J. P., 821)

Mr. Greenwell's plan is, no doubt, "easy of general application," but at variance not only with the Parochial Assessment Act, but common sense.

As well might a uniform rate for houses and shops, according to their size, be adopted, without considering their respective localities; but who would

think it a fair and equitable assessment to rate a house in Regent's Park at the same rent as one in Whitechapel, or a shop in Cheapside at the same rent as one in Shadwell, simply because the houses contained the same number of rooms, or the shops were of the same sizes? And, no doubt, it would be equally easy to adopt a uniform rate per acre for land, but it would be manifestly unfair to rate the barren moor lands at the same rent per acre as the rich fertile lands of the Lothians; and so it would be equally unfair to rate all collieries at the same rate per ton, irrespective of the quality of the coal, the nature of the seams, and the length of the lead to the place of sale or shipment. I have applled Mr. Greenwell's plan to two collieries, both of which have been valued on the principles explained in my lettera. One is a new colliery, with a thick seam of coal, easy to work, and a short lead to the port. The other is an old colliery, with a thin seam, costly to work, and with a lead of nearly 20 miles to the port. Mr. Greenwell's plan of valuing these two collieries would reduce the rateable value of the new colliery, which is making a large profit, by 40 cp per cent., and Increases the rateable value of the old colliery, which is said to be making no profit, by upwards of 15 per cent. The owner of the old colliery would, no doubt, not object to go "hand-in-hand" with the owner of the new colliery in rating, provided he "went hand-in-hand" with thin is the profits. I believe it is now generally admitted by all those who have considered the question that the principle adopted in valuing the collieries in this district is correct and reasonable—that is, on the produce of the mine on an average of the workings for the three previous years. The rent of the land occupied by the colliery, a reasonable shaft rent, adding to these a moderate rate of interest on the present value of the buildings, plant, and machinery.

Some questions have been raised as regards the rent or price of the coal. In one case the coal wa

that it would prove productive, if nothing was obtained the rent would be no evidence of rateable value. Another question has been raised, and that is, "should the lessee be rated on what has been expended on the colliery, in addition to the coal rent, or on what he has paid for the colliery?" The money expended on the col-liery is, like the rent, no criterion of value; in many cases large sums have been expended in collieries which have produced no corresponding profit, and therefore, in taking a colliery a tenant would "disregard the cost." Then as to the prices paid for collieries, much stress is laid upon the large sums that have recently been given for collieries, but these prices are, like the rent and cost, no criterion of value, as the purchase money includes items no rateable; for instance, all the loosestock and the profits of trade, for which in the present state of the coal trade, no doubt large sums have been asked and given, but for such an outlay no corresponding profit may ever be derived. All the several items necessary to arrive at the gross estimated rental of a current-going colliers should be taken at moderate prices, as the Parochial Assessment Act only requires that all property should be assessed at the rent at which it might reasonably-not extravagantly-

expected to let at.
This brings me to the last consideration—the deduction "for the probable average annual costs of repairs, insurance, and other expenses, i any, necessary to maintain the colliery in a state to command such rent. Taking into consideration the usual deduction from the gross rent of othe property for repairs and insurance, and looking at the increased risk and danger of colliery property. I have deducted 25 per cent. for the gross ren of collieries. This deduction has the great misfortune to satisfy neither party in the first place. The Coal Trade think it is too little, and in the party in the first place. The Coal Trade think it is too little, and in the second some unreasonable assessment committees think it too much: the

inference from this fact, I think, is that the deduction is correct.

The coalowners admit that the 25 per cent. is fair as to the repairs and insurance of the colliery, but they ask to have a further deduction for tenants' profits on their floating capital invested in the colliery stock. Now, this would be a perfectly legal and legitimate deduction if the col-lieries were valued on their nett profits, but estimating them on a rental it cannot be allowed. A grocer or draper might on the same grounds ask to have their tenants' profits on their stock deducted from the rent paid to the landlords; this proposition is simply ridiculous, and very fortunately for all concerned it has been disposed of in R. v. Cambridge Gas Co., Ad, and El. 73, it was held "that nothing, of course, should be deducted for profits for calculating the works AT A RENTAL, supposes that the tenant would take the profits into his calculation." On the other hand, one Union Assessment Committee proposes not to allow a deduction from the coal rent, and only to deduct 5 per cent, from the value of the buildings and machinery, on a colliery where such annual value of the buildings and machinery is calculated at not less than 6 per cent, on the cost; this, is my opinion, is each target wavegarable.

my opinion, is most unreasonable.

The Select Committee of the House of Commons in 1857, after hearing evidence from the most eminent and able mining engineers of the day, reported to the House. "That it had been contended with great force that in the assessment of mines the principle should be recognized that the working of a mine of whatever description is the using up of the corpus of the satate, and not of the mere annual produce capable of reproduction."

To give effect to these recommendations of the Select Committee le-To give effect to these recommendations of the Select Committee legislative interference is required, as the superior Courts have already decided that the occupiers of coal mines are not entitled to deductions in respect to the using up of the corpus of the estate. (R. v. Attwood and others, 6 B.,and C., 277.) I am convinced that without a provision, either to capitalised the royalty rent, or to provide a fund for the maintainace of the royalty rent, mines will be rated in excess of every other description of property; this, I think, is easily proved, for instance—

LAND for every 100% of capital invested is rated on a rateable value of from 5%. to 6%.

MANUFACTORIES for every 100% of capital invested are rated on a rateable value of revery 100% of capital invested are rated on a rate-

MANUFACTORIES for every 100%, of capital invested are rated on a rate-

PUBLIC WORKS (water-works, gas-works, and railways) which are rated

on nett profits—the rateable value on every 100% of capital invested ranges from 1% 15s. to 5%, but in no case do I know where the rateable value exceeds 5% for every 100% of capital, even where 10 per cent. dividend is paid. But COAL MINES without the rent is capitalised, or a deduction made to p the capital value of the coal rent, the lessee of a colliery for ever of capital value of the coal will be rated on from 81. 10s. to 101. will thus be seen that the lessee of a colliery will be rated in proportion to the capital value of his occupation at treble the rate of land, and double that of the houses and manufactories.

In my last letter I proved that the deduction proposed to the Tynemouth

from the gross estimated rental of collieries for repairs and insurance Union from the gross estimated rental of collieries for repairs and insurance would class colliery property with land and farm buildings; but the effect of the last-quoted proposal will be to class and treat land and farm buildings as more hazardous than collieries! To illustrate this, I will take the valuation of the colliery before quoted at 4526L, which will be as follows:—
 Coal rent
 £3513
 0

 Rent of land
 100
 0

 Present capital value of the colliery & plant 40,0001, at 6 per cent. gross rent
 2400
 0

Total gross estimated rental£6013 0 0 ich it is proposed to deduct 5 per cent. from the gross estimated }
of the buildings and machinery for repairs and insurance......}

Leaving the rateable value£5893 0 0 Now, supposing a gross estimated rental of 6013*l*. from land, 7½ per cent., or 450*l*., is to be deducted for repairs and insurance, whilst only 120*l*. is to be deducted for all the risk and dangers incident to this colliery. Argument is not required to demonstrate the gross absurdity of this unreasonable proposition. One parochial party contends that the coal requires no repairs, and cannot be insured; and another that the lessee undertakes to pay, in addition to the coal rent, the cost of repairs, insurance, and other expenses, if any, necessary to maintain the coal in a state to command such rent. Of course, the coal requires no repairs, but I do not see because the risk is so great that coal cannot be insured, that on that ground no deduction should be made from the gross estimated rental of the coal. In rating houses, in thousands of cases, they are not insured but yet the deduction for insurance is made from the rent to arrive at the rateable value; and certainly if such a deduction is made where the lesson voluntarily becomes his own underwriter, I think it ought, in all fairness, also to be made where the lessor is compelled, from the hazardous nature of his property, to do so. It cannot be denied that the lessor of coal is liable to loss, not only from accidents, but by reason of the risk and danliable to loss, not only from accidents, but by reason of the risk and dan-gers incident to mines from both fire and water. Take, for example, Hartley Colliery; the lessor of that colliery lost his coal rent for upwards of these years, and experience waters were the lessor of the call on the Take, for example, of three years; and, again, for several years the lessors of the coal on the banks of the Tyne have lost their rents by reason of the collieries being drowned out; and also at Monkwarmouth Colliery, from an accident to the shaft, which cost the lessees several thousand pounds, the lessors also lost their coal rents.

These facts proved, as they can be, and will no doubt be admitted, it clearly establishes the right of the lessee of coal to a reasonable deduction from the gross estimated rental of the coal per se, in consideration of the extra risk and danger incident to coal mines.

extra risk and danger incident to coal mines.

In R. v. Brograve, I Bott., 181, it was argued in rating houses and land that in the matter of deductions "there can be no reason for any distinction between lands and houses;" but Yates, J., said, "As men and judges we cannot but know that there is a great difference between lands and houses, occasioned by the repairs and dangers incident to the latter;" and I would put it, if such a principle influenced the judges in the eighteenth century, what man or judge would, with all the painful experience of the past numerous accidents in collieries, not admit, in the nineteenth century, that there is a great difference between houses and collieries, "occasioned by the dangers incident to the latter," and, therefore, if one-twelfth is deducted from the gross estimated rent of land, and one-sixth from the gross estimated rent of land, and one-sixth from the gross estimated rent of coal mines. As to the second proposition, that the lessor of a colliery undertakes, in addition to the coal rent, to pay the cost of the repairs, insurance, and other expenses, if any, rent, to pay the cost of the repairs, insurance, and other expenses, if any, necessary to maintain the coal in a state to command such rent, it is simply ridiculous, and I defy the exponents of this "absurd" principle to produce a single case where any lessee undertakes this responsibility. It certainly is a matter of wonder and surprise that two practical gentlemen connected with the coal trade could and would admit as a fact such an erous principle.

I have shown that my valuation of the colliery, frequently quoted from time to time at 4526L, is reasonable, whether taken on its rental or its pro-fits; and even if valued on the capital value of the coal, land, and buildings at 5 per cent., on 85,156L, the present admitted capital value of the colliery, including the coal, would give a rateable value of 4257L. It is generally admitted in cases of claims for compensation that it is a safe rule to take

being involved in the costly course of litigation with which at one time it was threatened.—Sunderland, March 5. THOMAS F. HEDLEY.

TIN SMELTERS, AND THE PRICE OF TIN.

Sir.—When men are in great trouble they too often attribute their misfortunes to causes which have been in no way instrumental in bringing about the circumstances under which they suffer. This seems to be just the mistake which the Cornish miners are making at this moment, for they will have it that the smelters are the chief cause of the present low price of tin and copper, and that they might, if they would, increase their value; and this they assert in the face of the numerous facts which go to prove the contrary. A remarkable instance however of the the contrary. and this they assert in the face of the numerous facts which go to prove the contrary. A remarkable instance, however, of the fallacy of the absurd notion that the smelters desire to crush mining in Cornwall, and to make their profit secure, irrespective of the miners' welfare, has just been brought under public notice; and it should be mentioned, although it has nothing to do with the price of tin, for the simple reason that such acts too often pass unnoticed, even in the district they most seriously affect. Your readers well know what an important mining concern is that worked under the name of the St. Day United Mines. In the working of these mines is not only involved the employment of those labouring in the sett under that name, but also of those employed in numerous adjoining mining concerns; and the number of mouths which directly and indirectly and mines is not only involved the employment of those labouring in the sett under that name, but also of those employed in numerous adjoining mining concerns; and the number of mouths which directly and indirectly are dependent for food and existence on the St. Day United Mines may be safely estimated at more than 2000. Well, from a variety of causes, but chiefly from the increased cost of working, and partly also from the low value of metals, the principal shareholders in this great concern determined to "knock" the mine, draw up the machinery, and sell it, as the shares were practically unsaleable, and would not fetch the estimated value of the machinery, much less pay the debts already incurred by the mine. This decision was endorsed by the mining world as most reasonable, and the agents in vain talked of kindly ends, and of the good lodes in the bottom of the mine. The shareholders were deaf to these prospects, and determined to lose no more money in the concern, so they passed a resolution to discontinue the workings. At this juncture the leading members of that family most conspicuous in the neighbourhood for their mining and smelting interests, stepped forward, and bought such a proportion of the shares as gave them the chief voice in the management of the mine; and their first act, after doing this, was to announce that the mine would not be stopped. That the family of Williams, in purchasing so large an interest in these mines, were influenced by a desire to do good rather than complete in the mines as indicated as a support of the profit is present by the coning of the public in the mines as indicated as a support of the profit is present by the origin of the public in the mines as indicated as a contract of the profit is present by the origin of the public in the mines as indicated as a contract than

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be stopped. That the family of Williams, in purchasing so large an interest in these mines, were influenced by a desire to do good rather than to gain profit, is proven by the opinion of the public in the mines, as indicated by the market value of the shares. Let, therefore, praise be given where praise is due, and let "One and All" hope that prosperity may attend a concern in the wellare of which so much is involved.

The above is not a solitary instance of the sorrow and real feeling with which the tin and copper smelters of the West view the depressed condition of the metal markets; but let this feeling be as strong as it may, they (the smelters) are helpless in the present juncture to do any good in raising the value of either metal. Those who are conversant with the metal trade know this but too well, and the following facts are offered to the Cornish miner as demanding his most serious attention, and, if read rightly, must prove that the smelters are totally unable to exercise any appreciable influence on the selling price of either metal.

influence on the selling price of either metal.

There can be but one safe principle on which to conduct trade, a principle which it is as necessary for the manufacturer as for the merchant to keep steadily in view. It is to give such a price for the raw material which he intends to manufacture as the market value of the manufactured article will allow of, after repaying the manufacturing cost, and an interest on the capital employed. Applying this simple rule to the question of the value capital employed. Applying this simple rule to the question of the value of black tin, there can be no doubt that the smelter must base the purchasing price on the value of metallic tin. Now, the value of every article is the price it will fetch in its best market, a price which must vary with the simple law of supply and demand; whilst however we accept this as the fundamental rule by which values are governed, it is in the present instance necessary to take into account the many other causes which affect the value of metals, amongst which is the inordinate thirst for speculation, which is so important a feature in trade at this time. The undulations produced by speculation are, of course, temporary, as the value of an article must eventually rise or fall to the actual supply in proportion to the consumers' requirements, unless the speculators combine to buy up all that is produced, and in that way maintain such prices as they desire. last contingency is a most improbable one in the present state of the tin market, and in the face of enormous stocks. Leaving out of consideration, then, the temporary undulations, the result of a speculative move, we have to look at the actual production of tin, and to compare it with the demand. The quantity of tin now produced in Cornwall is nearly one-quarter part more than it was five years ago, and reaches about 1500 tons a month. That other great source of our tin supplies, the islands in the Eastern Archipelago, of which nobody knows anything very definite, will, alas, continue to send us increasing quantities. From this general increase of supply our stocks have gone on augmenting, so that there is actually at this moment more than 12,000 tons of metallic tin here and on the Continent available for the public markets, an amount nearly double that of our usual stocks at this time of the year. This is not the worst of it, however, for the Dutch Trading Company announce a sale on the 22d inst. of 111,800 slabs of Banca tin in Holland. The time fixed for this sale is three months earlier than usual, an arrangement made to allow of a second autumnal sale of Banca, so that we shall have two sales this

year instead of the usual annual June sale. The quantity disposed of on the last June sale was 168,704 slabs, being an increase of about 20,000 slabs on the June sale of 1864, and of about 50,000 slabs on the sale of 1863. The Dutch Trading Company have now in stock, besides what they offer for sale this month, some 50,000 slabs, and, if we add this to the usual six months arrivals, we may estimate the quantity to be offered in the autumn as quite as large as that offered this month. One word as to how we get rid of all this tin: some 6000 and more tons of it we export in the form of metal, which leaves the larger proportion to be absorbed in manufactures here, and especially in the manufacture of tin-plates. For these America was our largest customer, but during her civil war we lost her almost entirely. Of late she has again purchased pretty largely; but as the balk of what she used to buy was for the slave population of the South, and as there seems to be quite a dead lock in that part of the States just now, we must not expect a great demand from thence as yet.

After America came India and China, as the great markets for our tin plates, but they hardly buy one-half of what they used to, nor is it likely that they will buy for the present. Is it reasonable, then, that in the face of the enormous stocks, and the increasing supply, which are in no way counteracted by an increasing demand, that the price of tin can go up? It only remains, in conclusion, to add that the enormous increase of foreign tin compels the English smelter to follow its market value in quoting his English tin. Lately, however, the smelters seem to have striven hard and manufully to keep up the price of English as high as possible, and many a laugh have the consumers had at the expense of the English smelters when the latter persistently quoted for their metal a price 10%, por ton above the selling price of Straits tin. To continue to quote their article at such an absurd excess would, as in fact it has done, drive the consumer to use for

LUBRICATION BY WATER.

LUBRICATION BY WATER.

Sir.—For some time past the new mode of lubricating axle-bearings by means of water instead of oil or grease has been the great topic of the scientific world. This new system, invented by Messrs. Aerts Brothers, of Brussels, Belgium, has been in working for several months past on the Eric Railroad, to the entire satisfaction of the engineers on the line.

The system, before being applied to the rolling-stock, was first tried in the workshops of the railway on the axle of a fan, which worked during about five months, at a speed varying from 1800 to 2000 rotations a minute, without consuming anything else but a small quantity of water, without heating or wearing in the least, and, therefore, could not leave any doubt as to its efficacy. After this trial, it was immediately applied to two trucks of a travelling-carriage—i.e., to two sets of wheels, using, therefore, eight boxes; and this second trial was as satisfactorily conclusive as the first, for after having run 28,000 miles, or thereabouts, the boxes were found in the most perfect state, and the carriage is still running under the same conditions. The invention has been most favourably received in this country, and our engineers have given every possible facility to the agent of Messrs. Acris Brothers and Co. for trying the system. The principle upon which it rests has been admitted at once by our engineers, the only objection which arose being as to how the boxes would answer during frost. Now, we have had this year an exceptional winter, and, the cold being very intense, the experiments referred to were made under the most unfavourable circumstances, notwithstanding which it has been proved that the freezing of the boxes does not affect the lubrication in the least, and that, on starting, carriages lubricated with water offer less resistance these when lubricated with any other substance.

Those results plainly show that the new system is as advantageous for

been proved that the freezing of the boxes does not affect the lubrication in the least, and that, on starting, carriages lubricated with water offer less resistance thes when lubricated with any other substance.

Those results plainly show that the new system is as advantageous for cold as for warm climates, and that it leaves nothing to wish for, because not only is the entire saving of grease and oil one of the most momentous points in railway economy, but this is enormously increased by the almost entire absence of wear and tear of bearings and brasses. We learn further, from good authority, that in consequence of those results the different railway companies are taking active measures to apply the system to the whole of their rolling-stock with the shortest possible delay, because the principle, "time is money," is one we Americans never lose sight of.

New York, Feb. 14. principle, "time is mon New York, Feb. 14.

SLATE QUARRIES-NORTH AND SOUTH WALES.

COMPANIES AND PROMOTERS.

SIR,—It is rather amusing to notice how eagerly "Llechen" seizes on my favourable mention of the quality of the slab raised at Glog, and "the three distinct quarries," which phrase, by the way, sounds strangely familiar in my ears; gleefully chuckles over my notice of the slate at Gilfach; and makes use of my letter as a handle for a puff for the Imperial, and, by a side wind, for certain others. My communication was not intended either to extol or depreciate any quarries; it is a matter of utter indifference to me whether by chance I do so or not. I wrote for the purpose of correcting what I conceive to be a geological error, and for the information of your readers, which disinterestedness cannot, of course, be appreciated by "Llechen." I must state, however, that the Gilfach Quarry, to which I alluded, is the one on Mr. Yelverton's property, formerly worked by the Messrs. Goodwin, and now by those gentlemen and a partner. "Llechen" observes that I am apparently a strong advocate for the capacity of the Silurian formation to produce hard and durable—and not soft and perishable—slate. I said no such thing; but corrected "Cambrian's" assertion that it is all inferior, and say that it is not all bad, but that some veins of good quality exist. I cautioned investors, and so does "Cambrian;" and bidding adieu to "Llechen" and Pembrokeshire for the nonce, would beg to offer some further remarks on the subject, as a pendant to the last comto offer some further remarks on the subject, as a pendant to the last com There is one infallible test as to the durability of slate, and that is ana-

There is one infallible test as to the durability of slate, and that is analysis; but when an analysis has been made, due regard must be had to the capabilities, character, and position of the analyser, as well as good evidence that the object experimented on really came from the quarry whence it professes to have been raised. But although the material may bear analysis, and may be good and durable, it by no means follows that the quarry will pay; the vein may not be sufficiently wide, the rock may run small, may be intermixed with hard, may not easily be detached, and may not split well, and a hundred and one other things. (See "Cambrian Eryr.") I know some quarries which have worked at a profit for some half a century for local demand, but when the produce has gone into the market for general purposes they have not paid. And why? The slab has been thick, well adapted to lecal demand, and for gravestones, sills, and dairy utensils; but when it comes to large thin slabs for cisterus, billiard tables, sanitary purposes, chimney-pieces, and so on, it is found that it does not pay to plane them down, even if they can be raised sufficiently large.

An intending investor would do well not only to ascertain the character of the promoters, but to make sure that the persons who report on quarters are more of receives in their degrees, and disinterested, he should find

An intending investor would do well not only to ascertain the character of the promoters, but to make sure that the persons who report on quarries are men of position in their degree, and disinterested; he should find out whether the promoters and directors are connected with many other quarries, whether, in short, the enterprise is one bona fide, requiring more capital, and put in the hands of some recognised and known promoters, or whether it is launched by an association of promoters and directors who take up anything, good, bad, and indifferent.

take up anything, good, bad, and indifferent.

I have heard of a case in which a man took a worthless voin, placed thereon one whom he dubbed "manager," changed the name of the place, caused the quasi manager to write (or wrote for him) a flaming report on it under its new appellation, signing as manager of so and so (the old designation); and, thereupon, starts an office, with a confederate who has some cash and some influence. They take to themselves four or five friends, kin, or what not, assess the amount the public is to pay them, and forthwith launch a company. The same course is pursued with another and another concern pearly all equally hopeless each "manager," report. forthwith launch a company. The same course is pursued with another and another concern, nearly all equally hopeless, each "manager" reporting on the other affair, and many of them mere working men, all but unable to write, and who really do not know to what statements they append their names. When once the affair is floated, the directors, who are also their names. When once the affair is floated, the directors, who are also the promoters, do not care whether it succeeds or not, except in so far as getting their fees or salaries, and keeping the work alive until the promoters are paid, or, as has actually been the case, until they have got up the shares to a premium, when they sell out, and make a still better thing of it than by merely "acquiring" the money paid by subscribers, and then the thing collapses suddenly. To my own certain knowledge nine or ten such companies have been floated by one man and his contederates, several more are ready to be launched, and others are on the stocks.

which damage legitimate enterprise, and for the sake of this, in which you, Mr. Editor, are interested, I trust you will insert this letter.

Returning for one moment to Pembrokeshire, I would observe that at the present moment the sky looks very angry; the clouds are charged with electricity. I would advise intending investors to pause a little, and wait to see whether the storm will not burst, and clear the atmosphere; and then, again, I say I predict a great future for slate quarrying in the county.

Velindre House, Haverfordnest, March 1.

J. F. N. H.

SLATE QUARRIES-SOUTH WALES.

SLATE QUARRIES—SOUTH WALES.

SIR,—In reply to the two letters in last week's Journal, in reference to the slate in the Principality, especially to that in the Silurian in Pembrokeshire, I wish to endorse those views—that the slate is not soft, but hard and most durable. I am well acquainted with the Gloag vein, which passes through the SOUTH GLOAG, or IMPERIAL; the same vein is also found at the Penllan and Aberdemant Quarries, and in justice to the quarries opened upon this vein, from the Traen, near the sea cliffs, to the furthest extent it has yet been opened upon inland, it may be fairly set down altogether as the best vein now at work in the county. I observe by Mr. Hewett's, of Velindre House, letter that we are shortly to be enlightened on the subject of slate by him; indeed, that it is already in the press, and out of some 30 quarries he breaks forth of his special knowledge of three. Allow me to ask him to tell us what he knows of the first three he has seelected? First, what knowledge he can impart to us from the small hole made in the rock at Longhouse, and what he can tell us of the vein now under water at Sealey Naen, and if he has really ever, during the time he has lived in Pembrokeshire, visited or seen the Gloag? After this, may I say something for the guidance of Mr. Hewett, as well as the public, upon reckless mismanagement, and this without transgressing the fair limits of commentary. A man may be able to write well, and thus much mislead the public, whilst his real practical knowledge of quarries may be worth nothing, unless it be to leave behind him monuments of his ignorance, which, in too many instances, stand up as remnants of the past amidst the hills and mountain valleys of Wales, both in the South as well as the North.—St. Clear's, March 6.

PROSPECTS IN THE CHIVERTON & GWENNAP DISTRICTS

Sir.—Recent improvements, long since prognosticated by the writer, have caused me to refer to these districts much earlier than I should other-SIR,—Recent improvements, long since prognosticated by the writer, have caused me to refer to these districts much earlier than I should otherwise have done. At North Chiverton, another good paying lode has been discovered in the cross-cut south of the Chiverton shaft, containing blende, lead, and copper ore. It will be remembered that I some time since referred to the existence of this lode, and that operations were being carried on to meet with it; it will, therefore, be seen that I was pretty near the mark in my prediction. I sam pleased, if only for the sake of those who took my advice reliative to Chiverton Moor, to see that all I have hitherto said is approaching realisation. Before the iode was first cut in the 40 fm. level cross-cut I was of opinion that the lead would be found further east, towards the West Chiverton, in driving towards which the lode has increased in value to 1 on fell verleap per fm., and the level can be driven for about 21, 10s, per fm., leaving ground above and below that will be wrought at a good profit. The engine-shaft is in course of sinking for another level, and in a short time will be also upon to the intended depth, when another and richer section of ground will be laid open, the quality of the ore improving in depth. According to the bearing of this, it is the rich Valpy's lode in West Chiverton, and its composition also is similar, causing one to believe that it will prove equally productive in this mine.

Having again visited Tresavean, it affords me pleasure in stating that another six months only is required to fully substantiate all I have hitherto said of this more than ordinary promising mine. A new engine-shaft has been est to sink from surface, which will come down on as fine a lode for the depth as the county can produce, over which the 12 fm. level has been driven on a lode in places 6 ft. wide, producing for 15 fms. in length full 3 tons of ore per fm. As a proof of the rapid improvement, about 80 tons of ore will be sampled from this discovery in the course o

[ADVERTISEMENT.]

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—Our attention has been drawn to a paragraph in last Saturday's Mining Journa. In which you state you are requested to publish the fact that Mr. Thomas Thompson of Oid Jewry Chambers, is in no way connected with ourselves. We were not below aware that Mr. Thomas Thompson (who is, we understand, a mining secretary) occupie such an eminent position, that in the event of a suspected connection we should be the gainers. If any of your readers should be brought into business contact with us, in an matter requiring extensive credit, we have no objection to be mistaken for Messrs W J. and H. Thompson, of Mincing-lane, but although we consider Mr. T. Thompson's in formation perfectly superfluous, we quite as readily disciain the connection as he does the superfluous, we quite as readily disciain the connection as he does the superfluous of t

IRELAND'S PROGRESS-SIGNS OF THE TIMES.

IRELAND'S PROGRESS—SIGNS OF THE TIMES.

In an able leading article, published in the Irish Times (Dublin paper), of Wednesday, the Editor, after dilating on the disastrous effects of Fenianism on all classes of persons and parties in Ireland, says—
"The vigorous action of the Government, the determination of the Executive to crush out the remnants of the compiracy, and the undeviating loyalty of the great middle classes of this kingdom are at length beginning to work their proper effect upon the judgment of English capitalists. They are becoming aware that a conspiracy conceted abroad, supported only by foreign remittances, which have airrady failed, without leaders of any respectability, and beaten down on all sides without a word of sympathy from the multitude, cannot last beyond the time necessary for its extirpation. The tide is at length beginning to turn in favour of investments in Ireland, and the temporary depression caused by the Fenian movement is inducing capitalists to take advantage of the facilities now offered to the enterprising. We are happy to instance a proof of the facilities now offered to the enterprising. We are happy to instance a proof of the facilities now offered to the enterprising. We are happy to instance a proof of the facilities now offered to the enterprising. Happy to instance a proof of the facilities now offered to the enterprising we are happy to instance a proof of the facilities now offered to the enterprising that the support of the second of the remaining that the company of the well-known and extensive milis of Chapelizod, built by William Darkon, at a cost of little less than one hundred thousand pounds. Some manufactures of these milis, and we are assured that the operations of these works will be vastly extended, and that greatly increased employment will be given to the artisans of this city. Daring recent years the merchants and miliowners of Beliant have reaped Immense profits from the manufacture of flax. The large extension of this remunerative branch of longer

to be despaired of."

Now, here are facts as significant as facts can be; these are no mere theoretical or problematical assertions or suppositions; they plainly indicate that the distrust which has so long existed, to the depression and crippling of Irish interests, has passed away.

We hope and believe that Irish Mining Industries will be some of the first to feel and largely participate in the reaction. Mr. Wader, whose name is so prominently introduced, is the proprietor and editor of the "Irish Industrial Magazine," and is understood to take a lively interest in Desyn and Cornish mining matters as well as in those of the sister. in Devon and Cornish mining matters, as well as in those of the sister island. From his position and connections he must be well aware of the state of the case; testimony from such a source is the best argumentum ad hominem that can be adduced, backed as such opinions and testimony in this case must be by a very great outlay of capital.

We cannot but feel gratified at such evident improvements in the disposition thus displayed, especially when, as now, we have frequently to record improvements in the Irish Mines.

THE IRISH INDUSTRIAL MAGAZINE: Edited by Mr. E. H. WADGE, F.G.S.—We have received the third number (for March) of this useful serial. In remarking on the general compositions and subjects contained in this number we should say a great deal in pronouncing it to be equal to its predecessors; we can, however, state it to be gradually increasing in interest and valeable information, but as our province lies more especially with the mining portion of its contents, we may refer to the excellent paper contributed by the Hon. Col. Bernard, to the first portion of which we previously alluded. The Wicklow Mining District is the first of an elaborate and valuable series, illustrated by a well executed and coloured mas of the district described. The whole of the mines are to be illustrated by similar plans and diagrams, and will form most desirable references to all partics econcerned in Irish mining facts and statigites. Several other pages are devoted to mining industries, and are well worthy a pernoal. Some papers on the Economics for Ireland, and Practical Suggestions for Cottagers and small Farmers, &c., from the Editor, display a versitaility of talent and information seldom found in one individual, and show his fitness for the difficulty be has undertaken in becoming an editor of so important a publication. We again earnestly recommend the work to our friends as a fint-trate periodical.

Mr. Bakkr Letean's "Stock, Share, and Finance Register" for

MR. BAKER LELEAN'S "STOCK, SHARE, AND FINANCE REGISTER" for March, published on Wednesday isst, is more than usually useful and interesting, as it has a well-written article on the depreciation in the market value of joint-stock companies' shares and capital, with a tabular exhibition of the same, which brings the f it than by merely "acquiring" the money paid by subscribers, and then
ne thing collapses suddenly. To my own certain knowledge nine or ten
ach companies have been floated by one man and his confederates, seveal more are ready to be launched, and others are on the stocks.

It is piratical craft such as these which bring mining into disrepute, and

Meetings of Public Companies.

MARIQUITA AND NEW GRANADA MINING COMPANY.

MARIQUITA AND NEW GRANADA MINING COMPANY.

A special general meeting of shareholders was held at the London Tavern, on Monday, Mr. Rouyri in the chair.

Mr. Roosens (secretary) having read the notice convening the meeting, The Citatrikan said at the last meeting he shadowed forth the position of the company, when he stated that, although the property was proved to be valuable, the financial position was certainly not such as the directors could deter. Slice then they had been anniously hoping that the returns coming forward would have enabled them to arrogic through the difficulties. Up to the present thought it right to course the present meetings and hone it was the directors had thought it right to course the present meeting and hone it was the directors had thought it right to course the present meeting and hone it was the directors had the position of the company, and the way the difficulties could be overcome. The object of this meeting, however, was twofold—one was for the purpose of painting the company to clear of the dest that he fin limited liability, and the other to raise sufficient finds to the county of the present of the dest had he find the liability, and the other to raise sufficient finds to the county of the present of the dest had he find the present the county of the present of the dest had he find the present of the present of the dest had he present of the present of

SAN PEDRO DEL MONTE SILVER MINING COMPANY.

The first general meeting of shareholders was held at the offices of the ompany, Cannon-street, on Monday,
Lieut.-Gen. Sir RICHARD BIRCH, K.C.B., in the chair.
Mr. JOHN A. ROBERTSON (the secretary) read the notice convening

Mr. JOHN A. ROBERTSON (the secretary) read the notice convening the meeting.

The report of the directors stated that during the past few months the development of the company's mines, in common with an all others in Mexico, has been much retarded in consequence of the unprecedented scarcity of biasting-powder. This is owing to the want of saltpetre, caused by the latcheavy rains, and, consequently, the works for some weeks were wholly at a standatill. The manager, however, writes that he had at length obtained a supply, and that great care would be taken in future to be provided with a stock. Although valuable discoveries of ore have been made, the workings cannot be deemed other than preparatory previous to attacking the various deposits. It should be borne in mind that Mr. Chynoweth arrived at the mines in June last year, and has, therefore, had only six months' working (to date of his last report), with the obstacles against him above mentioned, of an unusually wet season, and the consequent deprivation of so essential a material as guapowder. The large aum of 1921, appears on Dec. 31 as calls in arrear. This amount has since been reduced to 928L, and shareholders in default have frequently been urged to pay up their proportion.

The CHARIMAN said that since the directors issued their report a communication, dated Jan. 25, had been received from Mr. W. H. Chynoweth (the manager).

The SECRETARY read the report, as follows:—

Istapan dei Oro, Jon. 25.—I have the satisfaction of reporting that the hopes entertained tun y last, of our proximity to the bottom of the old miners' workings, have been realised, as on clearing up the winze sunk at the extremity of the lowest level south of Santa Elwan shaft (actech of which accompanied my its report), we found it was only 2 warsa deep, and no workings extending therefrom; the ores contained in the lode at this point assayed 40, 43, and 31 marcs per monton, and although in the level leading to the lode mot with a "squeeze" (became contracted), it is, nevertheless, ag Juan Adit: Nothing has been done during the month beyond clearing out the cross-out west, driven apparently with the object of cutting the San Pedro Iode (nearly 70 variations), which we found only extended a few varias. San Pedro adit is again being driven, and the lode in the end is at present 2 varias wide, with promising indications. The San Eurique level, 30 varias below, has been driven 8 varias to date; in the end the lode is 2 varias wide, and continues without any change since least month.—San Guilliermo Shaft: We have this week commenced driving a level north from the bottom of the winner, on the San Guillermo lode, which, as may be observed on reference to my former reports, contains good ores; this may be termed our first positive attack on ore ground to effect an extraction, as, during the short period of eight months since my arrival here, I may repeat, our works cannot begingled that then preparatory ones to open the almes, By driving this level about 28 varias we expect to reach the junction with San Pedro lode, which there is every reason to predict will be productive.—Drainage: For the effectual drainage of the mines, and to enable us to continue sinking, a water-wheel will shortly be erected in the ravine, following the line of the travores section east, at the distance of 400 varias from the drainage adit, to work flat-rods. This wheel will be worked seven months in the year by a river formed by the rains, and the remainder of the year by a supply of water which will be brought in from a distance of three miles, where there are unfalling springs producing water in abundance; this water will be forced through 30 fms. of wooden pumps to an elevation of 40 varias, from whence it will be forced through 30 fms. of wooden pumps to an elevation of 40 varias, from whence it will be forced through 30 fms. of wooden pumps to an elevation of 40 varias, the will be forced through 30 fms. of wooden pumps to an elevation of the stream with that which will be drawn from the mines, forming a large current t

mills can be erected in the intermediate space between the drainage wheel and the hacienda.—W. H. Chynoweth.

The CHAIRMAN thought those advices could not fail to be considered highly satisfactory, the more especially when it was recollected that the operations had been seriously retarded by the unusually heavy rains, which had pravented the outcrop of satisfact and thus prevented the manufacture of gunpowder. The directors had the greatest reliance on Mr. Chynoweth's ethicity, energy, and integrity, and were satisfied that everything was being done to facilitate operations, and that the mine presented prospect fully equal to the anticipations of the most sanguine. Some opinion of the value of the property could always be formed from private letters not intended for publication. One letter stated that—

"It will be agreeable to you to beer something of the mine of San Padro dal Monte."

letter stated that—
"It will be agreeable to you to hear something of the mine of San Pedro del Monte.
I was there two months ago, and found very good metals in several places. The shaft of Santa Elena was worked with the greatest activity. This is the most promising and important part of these mines, but I feel assured that Mr. Chynoweth, not only in Intis point, but in many others, will find valuable metals as soon as he arrives at any depth. At only a league distance from the mines he has selected a most beautiful site for an establishment to beneficiate the ores, where there is a great quantity of water, and pienty of wood in the mountain."

of wood in the mountain."

He (the Chairman) had hoped that a gentleman who had been upwards of 37 years in Mexico, and who well knew the property of the company, would have been present on this occasion, to answer any questions that shareholders might have put to him; but, as he was not present, he (the Chairman) might mention that that gentleman had cougratulated the company upon possessing such a promising property. Having stated that he should be glad to afford any further information shareholders might desire, he concluded by moving that the report be received and adopted, ——Mr. Wilson seconded the proposition.

Mr. STEPHENS, in reply to a question, said that Mr. Chynoweth had been in Mexico not more than seven months. He then read extracts from a private letter he had re-

ceived, which stated—
"We are now down to the bottom of the old workings south of Santa Elena shaft, and found the ore rich, and widening out beautifully in the winze in the bottom level. At a depth of 2 yards on the winze the ores assayed 480, 250, and 240 ozs. of sliver per ton. We can fix our plans for working, and I think each succeeding month will enable me to send better reports. We have got a capital site for a haclenda, and can drain the mine without a steam-engine. Tell the directors to have a little patience. I can assure them that they have a spiendid property here."

As a further evidence of the value of the property, he (Mr. Stephena) mentioned that

without a steam-engine. Tell the directors to have a little patience. I can assure them that they have a splendid property here."

As a further evidence of the value of the property, he (Mr. Stephens) mentioned that the agent at the mine, Capt. Eastwick, had taken the whole of his sainry in the shares of the company, atating that he believed it would turn out a second Rosarlo, which had for many years given a profit of 400,0001, per annum. Capt. Eastwick had worked in Mexico for upwards of 17 years.

The CHARRAN said it was also highly satisfactory to know that several parsons residing in Mexico have taken shares in the company.

A SHARRIOLDER whished to know how it was that there had been so much delay in getting gunpowder to the mine? — The CHARRAN said it had also been the case with all the other mines, and was owing, as he had siready stated, to the heavy rains having prevented the salipetre cropping out from the soil as usual.

A SHARRIOLDER thought that the preliminary expenses, and also the item of 8981, for rent, salaries, directors' fees, &c., were large. — The CHARRAN said that the directors had only taken half the amount of fees to which they were entitled, and that they had no intention of taking the other half. Clause 37 provided that each director should receive 501, per year until dividends were paid.

The SECRITARY, in reply to a question, stated that of the item of 27961, charged for prelininary expenses 28004, was part of the agreement entered into when the property was first purchased; therefore, if the company was floated the directors were obliged to pay that account.

Mr. WILSON mentioned that the directors were by far the largest shareholders, holding among them something like 3000 shares, the total number allotted being 11,000.

Mr. ARKNOLL wished to know if the amount of capital subscribed was considered sufficient for all requirements? —Mr. D. Wilson said the directors hoped so, and if they had not thought it would be the share taken 500 shares.

The CHARMAN, in reply to a suggestion t

he have taken 500 shares.

The CHAINLAN, in reply to a suggestion that the accounts should be presented in a more detailed form, stated that the form was that always adopted, but the directors were willing to adopt any suggestion that shareholders might make.

Mr. Sawren (the auditor) said that he was auditor to several companies, some of which were influential ones, and in each of those the form followed in the accounts before the meeting was that usually adopted. He, and not the directors, was responsible for that form, but, at the same time, he should be happy to adopt any suggestion, and to give the amplest details.

Mr. D. Wilson, in reply to a question, stated that it was the intention of the board to hold half-yearly general meetings.

—The question for the adoption of the report and accounts was put, and carried unanimously. Mr. Sawyer was re-appointed auditor. A cordial vote of thanks to the Chairman and directors terminated the proceedings.

CHINA STEAMSHIP AND LABUAN COAL COMPANY.

The annual general meeting of shareholders was held, pro forma, for adjournment until receipt of accounts to Dec. 31 from India and China, at the London Tavern, Bishopsgate, on Monday,

Mr. JOHN HICKIE in the chair.

The annual general meeting of shareholders was nell, proportial, not adjournment until receipt of accounts to Dec. 31 from India and China, at the London Tavern, Bishopsgate, on Monday,

Mr. H. W. Platt (the secretary) read the notice convening the meeting. The Chairman said that it was proposed to adjourn the meeting until the 30th of April, for the purpose of receiving the accounts from China and India, without which any financial statement which they might present would necessarily be incomplete; they would, however, be happy to give an account of the company's proceedings for the past year, and of its present prospects. The most important item to refer to was their coal mines in Labana. Although at the outset some thought that the Labuan coal was not suitable for steam purposes, it was hoped that the prejudice arising, sometimes from want of knowledge, and sometimes from interested motives, was temporary only, and that it would soon be placed upon a fair footing. Mr. Price, their manager, had been out there, and it was found that the value of the coal was a good and serviceable steam coal. But apart from the value of the coal if a steam purposes, they had discovered that they could likewise turn the small of the coal; and they additioned the steam coal. But apart from the value of the coal if of the coal was beginning to be appreciated, it being now acknowledged that the coal was beginning to the propose of the coal in the steam coal. All contained a large percentage of petroleum. They had had an analytical report from Mr. Durad Campbell, who was an acknowledged authority, especially upon coal oils, to which he had for many years given a large amount of attention, and he was of opinion that when they can manufacture the oil it will be very successful. They would thus have two very important products in addition to their steam coal. All connected with the coal trade would be aware that a large proportion of the coal raised was small, and as they could utilise this small coal it would be so much the more to t

however highly subsidiated it migns we, was the company's fleet being unsuited to their requirements arose from the fact of the trade having much changed since it was built, but the addition suggested would remove the difficulty. He concluded by calling upon Mr. Sinclair to give the meeting his views of the position and prospects of their affairs in Labuan.

Mr. Sinclair had served under the old Labuan Coal Company, and had also had other opportunities of examining the island: he might, therefore, fairly claim to have had more experience with regard to Labuan than any other mining engineer, and he had not the slightest doubt that the whole island contained coal in larger or smaller quantities. In the pit of which the section upon the wall was a representation, and which was sunk to a depth of 45 ft, only, they had four good seams of coal—a 5 ft, seam, a 3 ft, 6 in. seam, and the lowest a 12 ft, seam. The whole surface of the island presented indications of coal beneath, and in the jungle outcrops were frequently found. The coal was generally clean; the difficulty in working was not great; the proportion of water met with was very small; and the island, indeed, possessed the most favourable conditions the coal miner might desire. One drawback was that the shales were soft, and consequently not easily to be supported, but (as the Chairman had attact) the great difficulty was to obtain labour. While he was there he had several importations of Chinese and Coolies from Bombay, and he also employed the Malays on the island. The latter, although not hard-working men, were much better coal cutters than the others. The Chinese were paid large advances before they left home, and they worked with a bad feeling when they found this had to be repaid out of their wages. Some difficulty was also experienced in getting them to go down into the pits. The labourers from Bombay were beautifully formed, strong men, but they were very difficult to manage. In reply to shareholders, Mr. Sinclair remarked that the sinking of the pit r

exist. The actual cost of slinking the shaft was very small, and the cost of working was also small. The filtimor seams were worked upon the longwall system, and the thick by pillar and stall. A shareholder having asked why they did not employ could be a shareholder to the share hanour question, the company had aiready enlisted the services of 100 peasants and 40 women, and he hoped they would form the nucleus of a permanent settlement. Comparing Labana with Singapore, where the Chinese very readily settled, the former-offered great advantages, for whils the loss by tigers, &c., was fully 40 men a month at Singapore there were no wild beasts at Labana, and very few snakes even. Under these circumstances, he felt sure that as soon as they provided accommodation the labourers would flock to them, and settle the labour question forever. He then referred to the principal woods in the sland, the right to cut which they would now possess; of these five were ship woods of excellent quality, and five were admirably adapted for house building and similar purposes.

Mr. Caoccis complained that they should have to wait so long for definite information and accounts, but it having been stated, in reply to Mr. Crouch and other shareholders, that the arrival of advices must be awaited, and that no director had retired from the board since the formation of the company, with the exception of Mr. Parella, who had gone abroad, the proceedings fell into a desaitory conversation, after which the resolution for adjournment to April 30 was unanimously agreed to, and upon the proposition of Mr. Carocch the best thanks of the meeting were voted to the Chairman and directors, and the proceedings terminated.

MINERS' DISPUTE-ADVENTURERS' MEETING.

A meeting of adventurers in and agents of Tavistock and Liskeard mines

A meeting of adventurers in and agents of Tavistock and Liskeard mines was held at Chubb's Hotel, Plymouth, on Wednesday,

Captain Peter CLYMO in the chair.

The CHAIRMAN explained that the object of the meeting was to consider the future course to be taken with reference to the Miners' Association, and then proceeded to read the amended rules thereof. The first eight passed without objection, but he (the Chairman) considered the ninth—"That no member shall be allowed to take any person who has reached the age of manhood into the mine to benefit by him.—N.B. This is not intended to interfere with agents patting labourers with shaftmen, &c." was very objectionably, and cought to be expanged.

Mr. Batlx, referring to the tenth role—"That any member taking a pitch or bargain belonging to another member shall be excluded, and forfeit all right and claim upon the society "—remarked that a mandid not acquire a right because he had a particular pitch or bargain this month to say that it was his, and that it should only be worked on the conditions which he chose to fix; it was for the proprietors to say whether it should be worked at all, or whether it should be given to one in preference to another.

The Chairman considered the eleventh role—"That if at any time any pitch or bargain shall be lying idle, not having been refused because the price offered was not sufficient, such pitch or bargain shall be drawn for, if more than one party want it "—as bad as the rest.

Mr. Gant thought it was the worst of the three, and showed the spirit upon which the society was based. The men were to decide what man should work, and not the agents of the mine. They proposed to come to the agents, and say that A. B. C. and

cient, such pitch or bargain shall be drawn for, if more than one party want it "—as bad as the rest.

Mr. Gand thought it was the worst of the three, and showed the spirit upon which the society was based. The men were to decide what man should work, and not the agents of the mine. They proposed to come to the agents, and say that A, B, C, and D were the men who should take a pitch or bargain, and that those men, and those men only, should work them, at their own price.

The remaining rules having been read through without remark, Capt. Richards proposed, and Capt. Skrwis seconded, a resolution, which was unanimously carried, to the effect that the 9th, 10th, and 11th rules were prejudicial to the proper management of mines, and sought to introduce a system sliegelier contrary to the spirit and mode of setting in Devon and Cornwall. Resolutions were also passed piediging the meeting to give its hearty support to any purely benefit society, for the assistance of the old, injured, weak, or infirm, provided no rule shall be admitted which has any tendency to interfere with the working and management of mines, and requiring that the men at each setting should publicly state that they were unconnected with any society: and should it be discovered afterwards that any man had joined the society, he should be forthwith removed from his pitch or bargain, which resolutions will be found in detail in our advertising columns.

forthwith removed from his pitch or bargain, which resolutions will be found in detail in our advertising columns.

Mr. Gaan thought that an association, such as this pretended to be, would be much better managed if a general club, consisting of the miners of the two counties, were formed. He suggested that the ninepence per month at present paid to the sick and injured club should be applied to form one great club, to be called the "United Miners' Association," or some other appropriate name, and that a committee should be formed to arrange the details previous to calling a county meeting to consider it more fully. By adopting such a course he thought they would be doing the miners a great benefit, would supply a great want, and remedy the only grievance of which they could complain. As to the character of the association that had been proposed, they were all agreed that it was but a trades unlon, and if they objected to the split of that association, they ought to be prepared to give the miner something better in its place. He

plain. As to the character of the association that had been proposed, they were all agreed that it was but a trades union, and if they objected to the spirit of that association, they ought to be prepared to give the miner something better in its place. He believed they were in a position to form an association hat would confer a was benefit upon the miners; and if its management were placed in respectable hands it would answer you prose that could be desired, and secure the confidence and approval of all the proprietors and agents throughout Davon and Cornwall. He also proposed to treat the doctors' club in the same way.

Mr. BATLY said that everyone must concur in the desirability of affording every facility for the improvement of the condition of the miner, especially with regard to making provision against sickness, accidents, and old age. He did not think, however, that it should go forth that the miner was a neglected man, and that no efforts whatever had been made to ameliorate his condition. No class of men received more kindness and consideration throughout Devon and Cornwall than the miners. He thought there was great necessity for an association, and that it should embrace the two counties, and if such an association were formed with the concurrence of the large proprietors of mines, of the lords of the soil, and the captains of mines, be believed that it would receive the concurrence of the miners. It would tend to establish a better feeling between the miners and their employers. The idea of establish is a constant of the soil, and the captains of mines, be devel that it would receive the concurrence of the miners and their employers. The idea of establishing such a society as the men proposed was a perfect chimera, and was merely made a stalking-horse for some other purpose. He hoped they would not separate without passing Mr. Gard's associations were formed by which, on payment of a certain amount, workmen had larger advantages than the rules which had been laid before them contemplated, and he d

—The necessary steps were then taken, as will be seen from the resolutions for carrying these views into effect, and the meeting separated.

Amongst those also present at the meeting were—Capts, Goldsworthy, Enst Russell; Amongst those also present at the meeting were—Capts, Goldsworthy, Enst Russell; T. Neill, Devon and Cornwall Consols; J. Richards, Hawkmoor, &c.; Johns, East Caradon; J. Bray, Wheal Russell; Taylor, Giasgow Caradon; Puckey, Fowey and Par Consols; James Richards, Devon Great Consols; Skewis, Crelake; T. Richards, Hingston Down; George, Prince Arthur; Collom, Calstock Consols; W. Richards, West Sharp Tor; Thos. Gregory, Drake Walls; Donnal, West Maria and Fortescue; Bennetts, Caradon Consols; and Messra. Thomas Osmond, Bedford United, &c.; Commins, Hingston Down; George Richards, Devon Great Consols; Robert and John Bayly, adventurers; Thomas Uren, Devon Great Consols; Thomas Dymond, South Caradon; Croker, Plymouth; Charles Collom, Cornwall Consols.

THE CHAUDIERE GOLD MINING DISTRICT, CANADA EAST.

The CHAUDIERE GOLD MINING DISTRICT, CANADA EAST.

At a public meeting of miners and others interested in the development and progress of the Chaudiere Gold Mines, held at Gilbert House, in the parish of St. Francis, Beauce, on Dec. 16 last, for the purpose of forming an association with the view of more effectually and economically working and developing the numerous gold-bearing quartz veins which have lately been discovered, and which continue from day to day to be discovered, in the Chaudiere Gold Mining Division, Mr. Pope (Gold Mining Inspector) was called to the chair, and Mr. Riog was requested to act as secretary.

The CHAIRMAN expressed the gratification it afforded him to lend his assistance and co-operation to the furtherance of the object of the meeting, and stated that in view of the recent discoveries of numerous gold-bearing quartz veins which had been and continued almost daily to be made within the division, and which, judging from the scientisc assays which had already been made of the quartz obtained from them, promised to be equal in value to any discovered and worked in other parts of the world, it was both advisable and essential that those engaged in the working of them, and interested in their progress and development, should form thomesives into some kind of a permanent organization for the purpose of more effectually carrying out the objects they had in view, and he could conceive of no better mode than that of forming an association, in view of the beneficial effects which had resulted to other classes of the healthy and vivifying competition engendered by the agency of Association and Union—to the Agriculturist from the advantage of periodical Exhibitions—to the Mechanic, from the influence of Trade Unions—and to the Merchant, by Chambers of Commerce, and stated that miners by forming themselves into an association and union are recognised and efficial means of communication with men of scientific ability and mining operations are recognised and official means of communication with me

barking in mining operations. Several other gentlemen addressed the meeting in fayour of the formation of an association. A committee was named to report as to the best means of doing so, and the meeting aljourned to Dec. 27, to receive the report of the committee. The committee reported in favour of the formation of an association, to be composed of miners and all others interested in the working and development of the Chandlere Gold Mines, desfrous of joining the same, on payment of a joining fee and an annual subscription; such association to be governed by a board of officers, consisting of a president, vice-president, six directors, secretary, assistant-secretary, and treasurer. The report was received and adopted, and Mr. Pope was requested to allow himself to be elected President; but he declined doing so, on the ground that later, as mining operations progress, interests might diverge and divisions arise among the members of the association, in which case he would be called upon to give effect to the views of one or other party, which he considered would be inconsistent with the impartiality and independence necessarily required for the efficient discharge of the duties of his office, but that he would do all in his power to further the objects of the association, and give it at all times, when requested, the benefit of whatever influence or assistance lay in his power. A large number of persons enrolled themselves as members of the association, and an election was held, when the following officers were elected:—P. J. Colford, President; Robert Kilgour, vice-president; John C. Murray, secretary; Simon MrKenzie, assistant-secretary; William Abobtt, treasurer; and Olivier Longtemps, Louis Barbean, Andrew Hamilton, Thomas Blackmore, James Parke, and Joseph Rigg, directors. The officers immediately entered upon the discharge of their duties, and named a committee from among themever to the proper of the duties of hammed a committee from among themever the control of the duties of hammed and the second of th

RAILWAY PASSENGERS ASSURANCE COMPANY.

RAILWAY PASSENGERS ASSURANCE COMPANY.

The thirty-third half-yearly meeting of shareholders was held at the offices, Cornhill, on Wednesday,—Mr. JAMES CLAY, M.P., in the chair.

Mr. W. J. Vian (the secretary) read the notice convening the meeting. The report of the directors stated that the income from premiums on general accident assurance during the half-year ending Dec. 31 was 37,1221. 12s. 11d., and on railway accident assurance 38331. 18s. 8d., making a total of 40,0501. 9s. 7d., against 36,4481. 17s. 8d. in the corresponding half-year of 1864. The receipts on account of assurance premiums during the year 1866 were 81,5431. 9s. 3d., against 74,4271. 11s. 10d. in 1864, showing an increase at the rate of 1376 per cent. The receipts from interest on investments and discount on claims paid in advance formed an additional sum of 17551. 11s. 3d., making the total income for the year 86,2991. 0s. 6d. The working expenses were at the rate of 28'46 per cent. on the premiums, against 29.76 per cent. the previous year. The number of years accident policients during the year was 7477, and the sum of 19,3111. was paid by them as annual premiums on the number of new policies. The total number of general accident policies in force during the year was 31,839, and that of policies and tickets against railway accidents was 520,630. A marked and satisfactory increase is shown in the number of journey tickets issued. The balance to the credit of the revenue account on Dec. 31 was 35,814. 6s. 4d. After setting aside a sum sufficient to meet the outstanding risks on current policies, and the charges for commission, &c., due, but not paid, a surplus remains that will permit of advividend of 6s, per share. The directors propose, accordingly, to pay this sum by way of bonus, in addition to the usual interest on the paid-up capital, at the rate of 4 per cent, per annum. One-half the bonus will be applied, according to the provisions of the Deed of Settlement, in making a further payment on the shares, and the remaining 3s, per shar

CHAIRMAN, in moving the adoption of the report, referred with The Chairman, in moving the adoption of the report, referred with considerable satisfaction to the fact that every item in the balance-sheet contrasted most favourably with that of the preceding year. The number of new policies was, in round numbers, 7500, which, no doubt, was a very satisfactory increase; although, when he recollected that there were now nearly 300 agents, he could not help thinking that if they all exercised as much activity as the company had a right to expect from them there would have been a very much larger increase. This was the more singular, because those who exerted themselves might receive in commission something like 1501, to 2001, per annum, which was a very acceptable addition to the income of gentlemen of the class from which the agents were generally chosen. One of the agents who did the greatest service to the company, and who consequently earned the largest amount for himself, lived in a town the population of which was only about 10,000, and he trusted that should this reach the ears of those agents who had not been so active as they might have been it would in future be found that a larger number would be more energetic. But he would one more state that, after all, the best agents were the shareholders themselves. He should never lose the opportunity of urging them all to do that which the directors did themselves—to continually make known the advantage and the modus operands of the company, and especially among those who were not in a position to leave adequate provision for their families—to those there were always occurring good opportunities to show the value of this company. For instance, as short time since a case occurred in Devonshire. A surgeon, who had not left any large provision for his family, but who was fortunately insared in this company, while crossing a small rivolet in his sig, was drowned; and had it not been for this insurance his family would have found themselves in much less favourable circumstances than was the case. That, however, was but one out of considerable satisfaction to the fact that every item in the balance-sheet

amenioration of unavoidable misiorium. (Hear.) He concluded by moving that the report and accounts be received and adopted.— Mr. J. B. ALEXANDER seconded the motion.

The CHARDMAN explained that the commission allowed to ordinary agents was 10 per cent., and to railway companies and their cireks 15 per cent.

The dividend at the rate of 4 per cent. per annum, and 5s. per share bonus, one-half of the bonus to be paid in cash, and the other molety to be carried to the credit of the shares, was then declared.

The meeting was then made special, and a resolution was agreed to limiting the general meetings to one in each year—in March—thus doing away with the half-yearly meeting in September, at which the only business that would be the declaration of the interest. A second resolution, removing the limit of 4 per cent. as the rate of interest payable on the shares, was proposed by the Chairman, who explained that at present not more than 4 per cent. would be paid, and the balance given as a bonus, one-half being paid to the shareholders, and the other half being added to the amount paid on the shares. By the proposed change they might divide up to 10 per cent. This would allow a more equal division of the production from two to three.

A vote of thanks to the Chairman and directors terminating the proceedings.

RATING OF MINES AND WOODS .- In the House of Commons, on Friday, KATING OF MINES AND WOODS.—In the House of Commons, on Friday, on the order of the day for going into committee on supply, Mr. Cave rose to ask the President of the Poor Law Board whether he intended to bring in a bill during this session for the rating of mines and woods to the relief of the poor. For a considerable period all mines were rated to the relief of the poor, but in the case of the "Lead Smetting Company c. Richardson," the leading case on the subject, it was decided that cost mines only were rateable. Legal capties could, in fact, go no further than it had done on the subject of the rateability of mines. There had been a long and careful enquiry into the whole matter, and on August 6, 1859, the committee reported that there was no valid ground for any distinction between cost and other mines.—Mr. Kekewich regarded the rating of woods as a question of rather more difficulty than that of rating mines.—Mr. Kensalt was in favour of rating mines; but thought that no more inoportupe moment could have been chosen for it than the present. Copper and tin were never so low. The result would be that any attempt to pisce a new burden on mining property would be certain to be strongly resisted.—Mr. Villiers, in replying, repudiated the notion that there was no difficulty in legislating upon the matters relating to the rating of mines. It was not his intention to introduce a bill for the rating of either mines or woods, although he did not agree with the hon, member for South Devon in thinking that it was difficult to deal with the question ass affecting woods. In reply to the other question of the member for South Devon, relative to the introduction of a general measure for the amendment of the Poor Law, he intimated that it was his intention again to introduce the bill formally before Parliament with as little delay as possible. (Cheers,)—Mr. Henderson was of opinion that it would have been more satisfactory had the President of the Poor Law Board determined to introduce a measure for the rating of woods and unlines, and thus remove the anomalies which at present exists. He was convinced that it would be very easy to carry a properly-framed bill on this subject through Parliament.—Mr. P. WYNDHAM trusted that his right hon, friend the President of the Poor Law Board would reconsider his decision on the subject, and introduce a bill.

EMPLOYMENT OF CHILDREN IN MINES.—In the House of Commons.

of the Poor Law Board would reconsider his decision on the subject, and introduce a bill.

EMPLOYMENT OF CHILDREN IN MINES.—In the House of Commons, on Monday, Mr. Akroyd asked the Secretary of State for the Home Department whether his attention had been called to the case of a girl, 12 years of age, crushed to death in a colliery near Wigan, and to the evidence given at the inquest: and whether the girl had been employed contrary to the provisions of the Act for the Regulation of Employment in Mines?—Sife G. GREY said that he had received a very full report upon the case from Mr. Higson, the Government Inspector. In his opinion the girl had not been employed contrary to the provisions of the statute; but the employment of a child of such tender years was very reprehensible. If the hon, member would move for it, Mr. Higson's report should be laid on the table.—On Tuesday, on the motion of Mr. Akroyd, an address to the Grown was agreed to for a copy of the report of Mr. Higson, on the death of Eilen Hampson, killed at the Moss House Colliery, near Wigan.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

The Mining Share Market has been more than ordinarily duil during the whole week, and the transactions which have taken place are apparently the result of market operations; but the slight advance of the copper standard may have an improving tendency. Tin mines generally have been remarkably quiet, arising from a further decline in the price of that metal; nor can any improvement be anticipated until after the great sale of Banca tin which is to take place this month. One great cause for the heaviness of the share market may be attributed to the excitement created by the "strike" of the 'miners in Devon and East Cornwall; but as the alarm of last week has to a certain extent subsided, an improved and better market may be anticipated.

Wield Serons have changed hands at lower rates.—Weer Serons are more than ordinarily duil, and show a receding tendency.—Cleffrons have fuctuated, but left of weaker.—East Bassers have been dealt in at iminimum quotations.—Where I beast the week have been in request, and are a little firmer.—West CHIVERTON have been in good demand, and several barzains effected at maximum prices.—CHIVERTON Moons have been freely offered.—South Conductors have been made to the considerably declined,—GREAT LAXEYS continue to maintain their quotations, and in fair request.—GREAT NORTH LAXEYS have been enquired for, but left off weaker.

Severu Darrens have been in good demand, and maintain their protes.—WHEAL GREENVILLES have been quiet, but buyers at lower rates, but likely to improve.—East GREENVILLES have been diet, but buyers at lower rates.—North Treescress are in better request at a slight advance.—North Roskeans are more than ordinary duil.—HALLEN-have been enquired for at buyers' prices.—East Caradons have been rather freely dealt in at fair market quotations, and wing an improving tendency.—East Wheal Lovella have been enquired for at buyers' prices.—East Caradons have been market quotations, and it fair market quotations, and it fair market

From Mr. Edward Cooke:—There is no change in the market for the better. Duliness still prevails for British Mines, owing to the depressed state of the Metal Market. Lead mines, however, are in favour, as the price of that metal is not affected to the same extent as tin and copper. Gold mines are also in favour, and during the present year one of the most important gold mining properties that has come before the notice of the public for many years will be developed. I allude to the Choralass Mines, and, although the price of the shares have receded in the market, I attach no importance to that, but would strongly advise everyone to buy as many shares as they can possibly afford, feeling confident that there is a great and prosperous future in store for the Chontales Company. If anything further were required to inspire confidence in the intrinsic value of this splendid property. I would here allude to the fact that Capt. Paul, the manager, elected to receive one-half his salary in a small percentage of the profits of the company. This hedd after having made himselves thoroughly acquainted with the real value of the property. Other evidences of the confidence he has in its capabilities could be shown if required. The most convincing proof will be the returns of gold. These returns, when the efficient staff that have probably arrived at the mines ere this are in full work, will astonish those who may be sceptical of the riches of the Chontales Mines. Of course, a few months must necessarily clapse before regular returns of gold in large quantities can be expected. In the meantines the shares should be bought, and held until the machinery and full staff are in active operation. The fact of 30201, worth of gold having been extracted from about 5 or 6 fathoms of ground (by a few mon,), and received by the company in London aiready, is an earnest of what may be expected when the whole of the machinery and reduction works are in full work.

From Mr. J. B. Reynolds:—Considering all things, the market is in

company in London siredy, is an earnest of what may be expected when the whole of the machinery and reduction works are in fail work.

From Mr. J. B. REYNOLDS:—Considering all things, the market is in quite as satisfactory a state as could be expected, and all whose opinion in mining matters is worth having, confidently predict that, ere long, the present depression will give way before a period of activity, the like of which we have not had for a considerable period. Attention during this week has been principally directed to Chiverton Moor, Ciliford Amalgamated, East Basset, East Caradon, Great Laxey, Great North Laxey, Great Nort

Callington, Marke Valley, and Great Vor, but I must content myself by advising holders in these mines to hold on. No sound mining shares should at present be sold.

From Mr. Baker Lelean:—The aspect of the money, stock, and share markets is by no means unfavourable, although the enormous transactions in the former at the close of last week, and the reveisitions touching the affairs of the Joint-Stock Discount Company this week, tended to create a little disturbance, which has not yet quite subsided. Money is still in active demand, although there is no undue pressure for it, but it is sufficient to keep up the rate of discount at 7 per cent, although there is no undue pressure for it, but it is sufficient to keep up the rate of discount at 7 per cent, although the Bank has received a large amount of the precious metals during the last fortnight. The trade and commerce of the country were never known to be in a scattve and healthy a condition. The Board of Trade returns for January show the astounding increase of 37 per cent. In the declared value of our exports, as compared with the corresponding month of the last two years; the total having been 14,354,7482. against 10,489,3391, in January, 1855, and 10,413,8821. In 1864; and there was no change for the worse during the south of February, although the reports from the produce and other markets are constantly reproducing the phrase—"The market is steady, but without much activity." The truth is that many persons have acquired a condition of mind that cannot be satisfied without something out of the ordinary course of things. The more sober-minded portion of the public see that they are not to look for an "enormous increase" showing itself every week in an already enormous trade, and are satisfied at finding that the mannactures and commerce of the country are both extensive and sound, and that there is nothing seen "looming in the future" that is likely to disturb them. In mining shares a very fair amount of business has been done during the week. Great Wheal manufactures and commerce of the country are both extensive and sound, and that there is nothing sens "looming in the future" that is likely to disturb them. In mining shares a very fair amount of business has been done during the week. Great Wheal Yor, East Caradon, East Grenville, Chiverton Moor, West Chiverton, Great Laxey, Great North Laxey, East Laxey, East Basset, Rosewarne Consols, Central Smillbeach, Choniales, Frontino, and St. John del Rey have all been in demand, and some of them at improved prices. I am glad to say that the progress of some of the young mines to-wards the Dividend List is as assisfactory as it has hitherto been. St. Ives Wheal ALEEN looks better in the iode in the 40 fm. level north, which is worth 64, per fathom, going into whole ground. At Chiverton Moor, the 40, east of flat-rod shaft, continues to look well: the end is now driven some 15 or 16 fms. east of shaft, where they are opening up some valuable ground. At West Chiverton the lode is not yet reached in the 100 cross-cut, the delay having been caused by the breaking of a door-piece. The 80 and 90 fm. level ends west are still highly satisfactory. At Great South Chiverton the shaft is being sunk without the slightest interruption, and Capt, John Nancarrow expresses himself confident as to getting down to the 20 by the end of the month. In my last week's communication there was an error in the statement that the cost-sheet at this mine had been considerably reduced, and would, in all likelihood, he still farther reduced, without any prejudice to the workings. This applied to Rosswarme Consols, and not to Great South Chiverton, where everything has been kept as low as possible from the very commencement of operations. All the surface works are now completed, and the cost of these is, therefore, at an end. The mine is furnished with all it wants, and of a first-rate description. We may expect the shares to advance considerably in price within the next three months, and those who neglect to buy now will then repeat of their of t

Old Mine 100 5 5 0.50

Woodmil's 10 5 0.50

Raipas 10 5 0.50

Raipas 11-00

Raipas 11-

We estimate the raisings for March at 380 tons.

ALAMILLOS.—Feb 24: The lode in the 4th level, west of San Rafael shaft, is small, containing spots of lead. The 4th level, cast of the same shaft, is opening a good piece of tribute ground, worth 2 tons per fathom. In the cross-cut south the grantle (crystalised) is hard for driving. The 2d level, east of San Francisco shaft, will be suspended while the men sink a winze to go down on the back of the cross-cut last named. The 2d level, west of the same shaft, is unproductive. The 2d level, east of San Enrique shaft, is of a promising appearance, but not so valuable as it was. The 2d level, east of Magdalens shaft, has opened a first-rate piece of ground during the past month, worth 4 tons per fathoms. In the 3d level, east of Taylor's, there is a strong and kindly lode, but the lead-bearing part is very irregular. The lode in the 3d level, east of same shaft, is well defined, and continues to open good tribute ground, worth 1½ fon per fathom. The 3d level, east of San Adriano shaft, has been driven on a south part; we are now cross-cutting north to intersect the main lode, and hole to the leat-named end. The lode in the 3d level, east of the shaft, is strong and open, but at the present point it is poor. There is still another lode north of this. The 2d level, west of San Adriano shaft, is shored to the level driven east from San Yago shaft, making the level good continuously from San Adriano shaft to San Yago shaft. There is some good ground in the bottom of the level, but in the back old workings. The lode in the 3d level, west of the same shaft, is worth 1½ ton per fathom; at present there is an accumulation of the same shaft, is worth 1½ ton per fathom; at present there is an accumulation of the same shaft, is worth 1½ ton per fathom; at present there is an accumulation of the same shaft, is worth 1½ ton per fathom; at present there is an accumulation of the same shaft, is worth 1½ ton per fathom; at present there is an accumulation of the same shaft, is worth

Ing favourably. We estimate the raisings for March at 150 tons.

FORTUNA.—Clanada Incosa.—West of Taylor's Engine-Shaft: The 110, east of El Clavel sump-winze, is poor at present. In the 110, west of same winze, the lode has slightly improved. The 100, west of O'Shea's shaft, contains good stones of lead, but not enough to value. The 90, west of Henty's shaft, is not so productive as it was. It has a good appearance, and letting out a quantity of water. The 80, west of same shaft, is worth 1½ ton per fathom.—East of Engine-Shaft: There is no improvement in the 70, west of Kennedy's shaft. The 70, east of Carro's winze, is poor. The 55, east of same shaft, is communicated to Cortez's winze; the lode is disordered by a cross branch.—Shafts and Winzes: We have begun to sink Santo Tomas shaft, in order to get down in time for the 45. In Matco's winze the lode is large and kindly, composed of sulphate of lime and good stones of lead ore. Baldonada's winze is going down in a very fine lode, worth 2½ tons per fathom.—South Lode: The 30, west of San Pedro shaft, is still opening a good piece of ground, worth 1½ to per fathom. In the 30, east of same shaft, the lode is large and kindly, composed of quartz and lead ore. The 30, west of Santa Federico shaft, is disarranged, which has diminished the value of the lode. We are making good progress in San Pedro shaft, and the weather continues dry we shall complete it for a 40 fathom level by the end of this month. The lode is they one of the lode. We are making good progress in San Pedro shaft, and the weather continues dry we shall complete it for a 40 fathom level by the end of this month. The lode is the 70 km of the lode. We are making good progress of the end. The lode in the 70, west of engine-shaft, is very regular, composed of clay, quartz, and lead ore, worth for the latter 1½ ton per fathom. The 90, east of Castilla's winze, is driving towards the elvan course, where there is a good branch in the upper part of the end. The lode in the 75, west of Buenos Amigos shaf

AN NORTH-montions to mistry vers the most saxeting of their shareholders, and I am processing the phases witnessed the sax of their shareholders, and I am processed of parts and has are shareholder to the phase witness should be longist at cose, and those who buy will be used them.

FOREIGN MINES.

The PORT PHILLIP AND COLONIAG GOLD MINIOS COMPANY have reversed of insenses and the same will be should be supported to the shareholders.

FOREIGN MINES.

The PORT PHILLIP AND COLONIAG GOLD MINIOS COMPANY have reversed of insenses and two worth 1/4 to me per almost, Shareholders, and the same will be shareholders and two words of decumpt mater -Pour weak return (Samily of contrast membra). The processes of insenses and two words of decumpt mater -Pour weak return (Samily of Contrast membra), and the same of the same

GEOLOGY FOR GENERAL READERS.

Although it would have been scarcely possible to choose a more attractive title than this, the volume* to which Mr. Page has affixed it will be acknowledged by all who read it to thoroughly justify the name. Without admitting that geology is fuller of technicalities, or one whit more difficult to be understood, than other sciences, Mr. Page has undertaken

citive title than this, the volume" to which Mr. Page has affixed it will be acknowledged by all who read it to thoroughly justify the name. Without admitting that geology is fuller of technicalities, or one whit more difficult to be understood, than other sciences, Mr. Page has undertaken to give a simple and familiar exposition of its leading truths and principles. Mr. Page expresses his conviction that popular sketches are the only means by which the majority of people can acquire any knowledge of science, while, in many instances, they form the first steps even to those who subsequently profess to despite them; and with equal truth observes that because information is given in a popular way it need not be inaccurate and flimy; because it is told in a familiar manner, is not present a submitted of the science, and that he who reads them in order, and understands as he reads, will have a fair conception of the scope and bearings of geology. It has been too frequently the custom of geological authors to assume that their renders are as well acquainzed with the subject as themselves, and, what is still worse, that the readers' whole thoughts and attention are concentrated upon that single science, although it is beyond question that the ordinary student can but include geology as one of the subjects of his course, whilst the man of business will seldom do more than study it as an amusement, or for acquiring some special knowledge of a precise portion of the science adjact to the particular business in which he is engaged. Yet in the face of these facts it has been expected that works would be studied scarcely more readable than a school lexicon or the London Directory—books highly valuable for reference, but entirely unsuited for study. In his "Past and Present Life of the change of the science of geology thoroughly attractive to all classes of readers, and in his present volume he has explained the principles of every portion of the science in the science in the science of the open dispersion of the science of braces the triassic and solitic formations, and the cretaceous. As the Mesozoic is the age of the endogens, so is the Calmozoic that of the exogens; and it is in the lower formation of the Calmozoic age, the tertiary, that placental mammals first make their appearance, whilst in the upper, the quaternary, we first meet with man. In the tabulated form, these facts are, of course, presented to the eye in a more striking manner; but this brief sketch will, doubtless, give an idea of the lucid nature of Mr. Page's arrangement. The volume contains a wast amount of valuable information, and there are several portions, especially that referring to the peats and coals, to which we shall take a future opportunity to allude. The book is one in which all readers will take an interest, whilst he positive benefit which many will derive by applying the knowledge obtained to their ordinary business undertakings cannot fall to secure it a large amount of favour.

* "Geology for General Readers: a Series of Popular Sketches in Geology and Palaeon-ology." By David Page, F.R.S., &c. Edinburgh and London: Blackwood and Son.

Plumbago.—An extensive deposit of plumbago is reported to have been discovered at Richmond, Maine, and the mine is described as one of the best in the United States.

United States.

RAILWAY CALLS.—The amount falling due in March is 425,7502.—
making the total called in the three months of 1865, 3,516,6352.

HOLLOWAY'S PILLS—IMPORTANT TO THE SIGK.—Though the mind be downcast, and the body entessible by continued indisposition, the sufferer should at this season make a last effort to regain health by taking Holloway's purifying pills, which by cleansing the blood will search out the hidden cause of mischlef, and expel the seeds of most diseases. No invalid is too much reduced to undergo this very gentie treatment with safety and advantage, neither youth nor old are need fear any injury to the system from a regulated course of these pills. The are instalible in stomach complaints, billows affections, sickness, want of appetite, disordered bowels, consumption, and the moyances which spring from derangement of the digestive and assimilating organs.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

REDPORD UNITED.—Jas. Phillips, March 7: There is one stope in back of the 130 casts worth 3 tons of ore per fm; and one stope in this level west worth 2 tons of ore per fathom. There are three stopes in back of the 130 and way to red to the 130 casts worth and 13½ tons of ore per fm. The icole in the 130 and west is 2½ ft. wide, producing good stokes of ore. However, the stopes in back of the 180 and wast is 2½ ft. wide, composed of spar, mundel, and fine stones of ore, but not sufficient to value. We are driving by the side of the lode in the 75 cast and west. The icole in the 62 cast is 2 ft. wide, composed of spar, mundel, and fine stones of ore, but not sufficient to value. We have driving by the side of the lode in the 75 cast and west. The icole in the 62 cast is 2 ft. wide, composed of spar, mundel, and an alkach 8: In the 80 west we have a little lead or power of the cast in the west. The icole in the 62 cast is 2 ft. wide, composed of spar, mundel, and an Amach 8: The 10 west is better for lead ore, worth 2 tons per fathom the locking quite so well. The 70 west is better for lead ore, worth 2 tons per fathom the lock is about locking quite so well. The 70 west is better for lead ore, worth 2 tons per fathom the lock is about 18 ft. wide with a staff, is much the same as when reported last week. The tribute pitches, east and west of new staff, is much the same as when reported last week. The tribute pitches, east and west of new staff, is back the 18 ft. and 18 ft. and

CARADON CONSOLS.—S. Bennetts, March 6: The ground has slightly improved in each of the 80 fm. level ends; this is the only alteration to notice in either of those places, as no lode has been taken down during the past week. The rise continues to produce occasionally some very good ore; lode very unsettled, and the ground without any marerial alteration.

CENTRAL MINERA.—T. Hughes, March 8: Victoria Engine-shaft: The lode in the 60 yard level east is large and easy for progress; and very promising for lead ore. The lode in the wost end is at present hard for progress; I have placed the men to cut into the north side, where the ground is a little more favourable. The lode in the rost of this level is rather easier for progress, and promising for lead.

CLARA UNITED.—Jas. Lester, March 7: The lode in the 50, west of engine-shaft, has improved, and is, in fact, much better than anything I have hitherto seen in this mine; it is, however, very hard, and full of water, hence is had for progress. The forest and south at the 40 is through the lode or lodes, there being a mixture of lead or for 2 fms. wide; I have this morning put the men to drive on the north part, which will yield from 10 to 12 cwts, of lead per fm. From present appearances it seems as though there are two lodes, and that they will form a junction between this and the 50, and according to their present bearing will be together in this level a few fathoms west of the present end. No alteration in the stopes in back of the 50, but very little has been done at surface since last reported owing to the severity of the weather.

CLOWANCE WOOD.—E. Chegwin, March 7: In the 20 cross-cut, diving morth, the lead lode is 2% ft. wide, producing quarts, mundle, and good stones of lead, but we have not yet cut the north part of the east and west lode. In the 20, diving east of cross-cut, the lode is 2 ft. wide, producing quarts, mundle, and good stones of lead, but we have not yet cut the north part of the lode took what the miners term a "warp." We, of course, ould

all has levels week, and as the support of the surface.

CROWAN AND WENDRON.—R. Reynolds, March 7: The engine-shaft is 6 fms. below the 48, and the lode still producing stones of copper ore. The end in the 48 cast is suspended for the present, and the men put to rise in back of the level to communicate as easily as possible with the winze now sinking below the 36,

CROWAN CONSOLS.—J. Vivian, March 7: The operations are being carried on as for some time past. The sumpmen are engaged in stoping the bottom of the 30, west of engine-shaft cross-cut, in a large mineralised lode, producing blende and copper ore, and the tributers are working their respective pitches.

CUDDA.—A Candy, March 6: Since writing you last week, when we reported having commenced cutting into the lode in the 117, we have got into it 5 ft. to the furthest than the summer of the north wall; in this 5 ft. the lode is commoned of quarts.

ing commenced cutting into the lode in the 117, we have got into it 5 ft, to the furthest point, and no appearance of the north wall; in this 5 ft, the lode is composed of quarts, seach, and tin, worth for the latter at least 401, per fathom. The tin is not formed in a leader, but its seen just the same throughout the whole of the lode as far as we have entered into it; this result is just what we expected from the various indications in the the level above, and, no doubt, we have just entered upon what will prove a long run of good tin ground. Our other points of operation are just the same as last reported.

DALE.—R. Nicoss, March 5: The ground in the winze is beginning to alter. The vegin has increased in size, and more mixed with sulphur and blends, from which I hope we are approaching a rich vein of copper or lead. The other places at work on the vein are rather improved.

ware approxed.

EAST BOTTLE HILL.—J. Eddy, March 3: The lode in the end west of cross-cut is boots ft. wide, and producing some very good tinatuf; the ground remains still rather and. The lode in the end driving east of the western shaft, in the 10, has become more tried than it has been; the lode is again making larger, and the country each side of very much like it was further west, where we found the lode so rich for tim. Our beel-pit will be cleared out and ready for the masons to commence building the walls — the name hy Katurday next. heel-pit will be cleared out and ready for the masons to commence building the walls
of the same by Saturday next.

EAST CARN BREA.—T. Glanville, Jas. Scholar, March 7: No. 3 Lode: In the 70,

EAST CARN BREA.—T. Glanville, Jas. Scholar, March 7: No. 3 Lode: In the 70, east of Thomas's shaft, his lode is yielding 4 tons of ore per fathom. In Thomas's shaft, sinking below the 70, the lode is yielding 4 tons of ore per fm. for the length of shaft. 12 ft. In the stopes in back of the 70 the lode is yielding 4 tons of ore per fm. for the length of shaft. Lode: In the 50, driving east of cross-course, the lode is yielding 1 ton of ore per fm.—No. 5 EAST CHIVERTON.—J. Gress, J. Mancarow, March 7: During the last month we opened the 55 cross-cut south 16 fms., and dering the last week have intersected two opened the 55 cross-cut south 16 fms., and dering the last week have intersected two paraches, each 6 in. wide and about 4 ft. spart, composed of flockan, mondie, and blende, of a very kindly character; this cross-cut is now driving by eight men, at 27. 6s. per fathom. In extending the shallow addit north from the engine we have passed through a branch 8 in. wide, containing fraible quartis, soft flockan, dec.; this level is driving by four men, at 11. 4s. per fm. We think our prospects are more encouraging. EAST DARREN.—March 6: Taylor's Shaft: In the 116 east the lode is from 3 to 5 tt, wide, containing small branches of lead ore at times, but not a sufficient quantity

to value. In the 104 east the lode is 4 ft. wide, producing 1½ ton of lead ore per fathom. In the 92 east the lode is 3 ft. wide, producing 7 ewis. of lead ore per fathom, and promises improvement. In the 92, west of boundary, the lode is 4 ft. wide, producing stones of ore at times, but not to value. In the 80 east the lode is 5 ft. wide, producing stones of ore at times, but not to value. In the 80 east the lode is 5 ft. wide, producing stones of cell east of the 15 ft. wide, producing stones of cell east of the 15 ft. wide, producing stones of the 15 ft. wide, producing stones of the 15 ft. wide, producing the 15 ft. wide, producing of clay-state and carbonate of lime, and producing small branches of ore at times. The stopes and pitches throughout the mine still continue to yield their usual quantity of re. We have not been able to do much for the last few days in dressing, in consequence of the frost and heavy falls of snow at times, but we hope to commenceagain shortly, as the snow is melting fast, and believe that our usual quantity of ree will be forthcoming for the next sampling.

EAST JAKE.—Thos. Hodge, March 8: East Branch: In the 48 south end it is 9 ft. wide, composed of white carbonate of iron, mundic, dookan, and lead, a ki which is at times intermixed with lead; the sround in the end is very much improved in the last few days. In the 36 south end we pricked into the lode this morning about 3 ft.; it is composed of crystalised soar, gossan, dookan, mundic, dookan, and lead, a ki which is at times intermixed with lead; the sround in the end is very much improved in the last few days. In the 36 south level we are clearing out a cross-cut east, in order to extend it a few days. In the 36 south level we are clearing out a cross-cut east, in order to extend it a few fathous forther, in which direction we helieve there is another branch near at hand.

EAST ROSEWARNE.—J. James, March 8: We have resumed driving the 85, east the 75 was producitive east of this point. There is no change to notice it lies as

lations; the lode is 18 in. wide, unproductive. Our tribute setting for the present month is as follows:—Four men at 5s. in 11, six men at 6s. 84, four men at 7s. 64, three men at 9s., eight men at 10s., and six men at 14s. in 11, at a standard of 45t. per ton, the tributers paying all expenses.

EAST WHEAL LOVELL.—R. Quentrall, March 7: North Lode: In the new shaft, sinking below the 45, the lode is worth 50t, per fathom; sinking by six men and three boys, at 18t. per fm. The stope below the 45, west of new shaft, is worth 18t. per fm. The stope in back of the 45, cast of new shaft, is worth 25t, per fm.; stoping by four men, at 5t, per fm. In Burgan's shaft, sinking below the 25, the lode is 4 ft. wide, of a very promising character, with a little tin; sinking by six men, at 10t. per fm.—South Lode: The stope in back of the 40 cast is worth 25t, per fm.; stoping by four men, at 5t, per fm. to stop in the 40 the winze from the 20 to the 40, and set a stope west to six men, at 5t, per fm.; lode worth 40t, per fm. The 40 is being driven west, at 8t, per fm.; lode worth 30t, per fathom. In the winze sinking below the 40 the lode is worth 40t, per fm. when the 40 the lode is worth 40t, per fm. in the winze sinking below the 40 the lode is worth 40t, per fm.; sinking by six men, at 7t. per fm. EAST WHEAL RUSSELL.—J. Goldsworthy, March 7: Homersham's shaft, is in regular course of sinking below the 140 fm. level. In the 140 fm. level, east of Homersham's shaft, the lode is 3 ft. wide, composed of quartz, prian, undie, and stones of copper ore—a kindly lode. The men refusing to settle under the present rules, there has not been any work done in either of the bargains this week. There is no change in any part of the mine since last reported upon. We believe the men will again settle as before in a day or two.

— J. Richards, March 8: Homersham's shaft is in regular course of sinking below the 140 in ground favourable for progress. In the 140, cast of Homersham's shaft, the lode is 3 ft. wide, composed of mundie, prian

but letting out a quantity of water. The ground in the adit cross-cut south is moderately easy for driving.

EAST WHEAL VOR.—J. Pollard, March 7: The cross-cut is driven from the present bottom of the engine-shaft 8 ft. south, through ground which is quite congental in this locality for bearing tin, and is fully into the perpendicular of the first part of the lode where seen in the cross-cut 2½ fathoms above this point. There must be a change in the underlie, as the lode is carried back against the south part, which is 7 feet distance in the latter-named cross-cut, by the influences of the branch, or north lode. Our object in driving this cross-cut is to see what course the lode is taking, so that we may slak the shaft on the right bearing of the lode. In the 70 west the ground is good for progress, but the lode is rather disordered by some cross branches which have passed through the end. In the 60 east the lode seems to be improving, and letting out more water; ground favorable for driving. The engine and pitwork are working well, keeping the water without the least hindrance.

FRANK MILLS.—J. P. Nicholis, J. Cornish, R. Andrew, March 7: The plat at the 130 fm. level is completed, and we have driven the cross-cut west toward the lodes about

one thore water globus averages to the least hindrance.

FRANK MILLS.—J. P. Nicholis, J. Cornish, R. Andrew, March 7: The plat at the 130 fm. level is completed, and we have driven the cross-cut west toward the lodes about 2 fms.; the ground here continues to present the same favourable appearance for the production of lead ore. In the 115 fm. level north the lode has been disordered by a siled, but in the present end it appears to be re-forming, and we are, therefore, anticipating an improvement. The stope in the back of this level is yielding 7 cwts. of lead ore per fathom. The lode in the winze, sinking in the bottom of the 100 fm. level north, is about 3½ fd. wide, and yielding saving work throughout. The new stope in the back of this level is yielding 7 cwts. of lead ore per fathom. In the cross-cut driving west from the 100 fm. level south we have passed through two branches or parts of the lode, each about 1 ft. wide, producing good stones of ore, but not sufficient to value as yet. We have now succeeded in getting our wide stopes in the back of the 45 north in much better condition for working, but the lode throughout has become mixed up with patches of gossan, and, therefore, less productive, now yielding about 3½ ton of lead ore per fathom. The tribute pitches are also becoming drained of water, and getting into a much better condition for working.

FURSDON,—J. Collins, March 6: The engine-shaft is 2 fms. 2 ft. below the 31; the ground is more favourable for progress, still yielding cocasional stones of ore, but not of value. The end at the 31 east is hard, and yielding soome ore, which is likely to impute the stope of the state of the 16 fms. 4 ft.; is believe it right to continue this end further east, as there is ore in the bottom of the level above some fathoms cast. The end at the 31 west is will in killan, having been driven west of shaft. The pitch in the back of the 21 west is yielding about 15 tons of ore per month. In the pitch in back of the 11 east the lode is worth from 101. to 12, per fa

in time to sample,

GARLIDNA UNITED.—J. Rowe, March 7: We have fixed the 8-in. lift in Wheal

Crane shaft, and have just finished cutting the shaft to its proper size; in a day or two

we shall commence sinking in a good branch of tin. The water is being pumped by

horses, and if the weather continues dry we hope to be able to sink 2 or 3 fathoms by

Strange and spirited shareholders; and, should the price of tin advance, we shall soon we shall commones sinking in a good branch of tin. The water is being pumped by the commones sinking in a good branch of tin. The water is being pumped by the common of the weather continues dry we hope to be able to sink 2 or 3 fathoms by the common of the common

very favourably in clearing and securing the adit north, and hope to reach the fourth lode by the end of this week.

GREAT NORTH DOWNS.—W. Rich, M. Jenkin, March 6: We have began to take

GREAT NORTH DOWNS.—W. Rich, M. Jenkin, March 6: We have began to take down the lode in the 60 end, west of Siesgan's shaft; as far as yet seen it has a kindly appearance, and yields good stones of ore; the ground, however, is very stiff, which renders the progress slow. The 70 end, driving west, shows signs of improvement; the lode is becoming more porous, and carries good stones of ore. The stope in the back of this level is worth 151, per fun. We have intersected a branch in each of the cross-cuts—the 57 and 70; these branches are not to value; we are urging on the ends through very congenial looking killas. Butler's shaft is timbered and secured from surface to the deep adit 50 fms; we are hoping soon to complete it to the 40, when we shall commense to,dx skip-road preparatory to sinking this shaft.

GREAT NORTH LAXEY.—R. Rowe, March 6: The lode in the shaft is worth 2 tons of lead per fathom, and of a very promising character. No change in the 72 couth, but the 72 north is daily improving. In the 60 south the lode continues large, 3 feet wide, and worth \(\frac{1}{2} \) to of lead per fathom. The same level north continues to open out a fine-looking lode, from 2 to 3 feet wide, and worth quite 1 to no f lead per fathom.

GREAT RETALLACK.—Wm. H. Revnolds. March 8: There is no chapper of fun.

GREAT RETALLACK.—Wm. H. Reynolds, March 8: There is no change of im-cortance since last report. We shall have nearly 70 tons of blends ready to sample by

GRAT RETALLACK.—Wm. H. Reynolds, March 8: There is no change of importance since last report. We shall have nearly 70 tons of blende ready to sample by this day week.

GREAT SOUTH CHIVERTON.—J. Nancarrow, J. George, March 5: The ground continues favourable in Gliford's engine-shaft, and we are making fair progress in sinking. The water has not increased since last report, and with the present dry weather there is every prospect of its failing off in the next two or three weeks.

GREAT SOUTH TOLGUS.—J. Daw, March 7: In the 140 cast the lode is 1 ft. wide, producing good atones of copper ore. In the rise in back of the 125, east of new shaft, the lode is 1 ft. wide, producing 1½ ton of ore per fm. The water is drained 2 fms. below the 164, and we hope to set all the bargains on Friday next.

GREAT WHEAL GRYLLS.—Edward Rogers, Edmoud Rogers, March 8: Michell's flat-red shaft is down 3 fms. 1 ft. below the 12, and is sinking by six men, at 16f. per fathom; the lode is 1 ground a sinking by six men, at 16f. per fathom; the lode is 3½ ft. wide, producing a little tin, but not enough to value. The winze in the bottom of the deep sdit is sinking by four men, at 21. 40. per fathom; the lode is 3½ ft. wide, producing occasional atones of tin. Our tribute setting for the present month is as follows:—Two men, at 11s in 11.; and four men, at 12s. 4d. in 11s.; the tributers paring all expenses. We sampled on Monday, the 5th inst., 115 bushels of tinstone, which is for saic on Friday, the 9th inst., estimated value 20!.

GRYLLS WHEAL FLORENCE.—Edward Rogees, Edmund Rogers, March 8: The 21s driving west of the engine-shaft, by six men, at 3f. 5s. per fathom; the lode is 3 fet wide—unproductive. From the present appearance we expect we are getting near the cannet roled. The winze in the bottom of the 12, on the cannet, is sinking by two men, at 1f. 15s. per fathom, and 13s. 4d. in the 1f. for tin; the lode is 3 ft. wide, worth 3f. per fathom.

GWYDYR PARK.—Ww. Smyth, March 6: There is no alteration in Gwyn Liffon adit end since

the shit inst.; estimated value 201.

GRYLLS WHEAL PLOGESCH.—Edward Roges, Edmand Rogers, March 3: The 28 is driving west of the entire-shall, by six more, 25 in the control of the contr

nant At monell

currence of copper and mundle in the joints of the killas at the shaft, which must undoubtedly have been produced by the proximity of a strongly mineralised lode. We are now making preparations for fixing flat-rods from the engine to Weston's shaft, and hope to have everything completed and a full pare of men slaking the shaft some time this month; and, as we shall then be in a position to explore the lode, I expect that I shall be in able shortly to report results that will be both gratifying and profitable to the ad-

pen in anis shortly to report results that will no some party and producted to the sar NEW CROW HILL.—Capt. Trolesse, March 6: In the 70 fm. level east we are now irlying a few feet off the lode, in consequence of the flockun being so heavy, and shall not through the lode now and then. The 55 fm. level stopes have much improved, sling worth in different places 25t, per fathom; indeed, it is a fine looking lode, from 3 to 4 ft. wide. Louisa's shaft is not through the lode; one part of it, about 2 ft. wide, a very mundicy, with blende, quarts, and lead ore, a stone from which I have sent ron. The lode is very wet and troublesome, which is the reason of our slow progress a sloking.

New TELECHIT—S. Michael, Nameh 7: The lode in the 80 fm, swell, west of the creat-course, is 8 ft, wide, and occasionally good stones of for are must with; the lode is for fm. Irely, used the creation of the course, is 8 ft, wide, of good appearance, and will yield over 2 tons of ore per fathom. The lode is the 60 end west is still divided, and about 1 for fm. Irely, when yield over 2 tons of ore per fathom. The lode is the 60 end west is still divided, and about 1 for fm. Irely, when yield yi

cross-cut, on the cross-course, is driving to cut Skimmer's main tote—nothing yet intersected. In the 100 east rise is worth 61, per fm., and promising further improvement. The 100 east rise is worth 62, per fathom.—Cobbler's: The 110 east end is
worth 61, per fm. In the 110 east the trise is worth 51, per fm. In the 90 east we have
not yet reached the north wall of the lode, which is large, yielding coarse tinstoff. In
the 90 east the winze is worth 121, per fm. In the 90 east we have
not yet reached the north wall of the lode, which is large, yielding coarse tinstoff. In
the 90 east the winze is worth 121, per fm. In the 90 east we have
is going west, where the lode produces good stones of copper ore. In the 58 east the
winze is worth 121, per fm.—Cardozo's: The 90 weak end is worth 101, per fm.
PENHALE WHEAL VOR.—J. Richards, W. Chappell, W. H. Martin, March 7:
At Hollingsworth's engine-shaft the shaftmen have completed the fixing of the 40 fm.
plunger-life below the adit, and are now engaged in making the necessary preparations for sending the drop-lift to the 54 fathom level, at which point the water will
be in fork by Monday evening, when we shall immediately make the necessary arrangements for driving weat in the 54 fathom level, which is in whole ground from
the bottom of the mine to the 16, west of Hellingsworth's, to Gutlerres shaft, to the
west of which the tributers in the former working sunk in several places in the bottom
of the 16, west of the latter shaft, from 7 to 10 (ms. below the bottom of the level, and
must have drawn the tinstuff by manual labour to the 16; this augura well for further
sinking Gutterez shaft, which we intend setting at our next survey day; and, from
what can be seen of the lode east and west of shaft, we have no doubt in our minds but
by the sinking of the latter shaft, and extending the level east and west, it will lay open
a long run of tin ground. From the 38 to the bottom of the adit, east and west of
Batye's, we have 60 tributers working, and all earning fair not, this will be a great acquisition to the mine of itself. This may be considered a new mine of great promise, by the expense of only driving a short cross-cut. Our dressing operations are progressing satisfactorily. I shall not fail in selling the promised quantity of the. The whole of our machinery is in perfect order, and working satisfactority. PENHALLS.—W. Higgins, J. Nance, March 3: We have again paused through the gossan met with in the 60 cross-cut, south of engine-shaft; the ground is congenial for tin, and letting out much water. The 60 fm, levels, driving east and west of the north

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Service of the property o shaft, we intersected a part of the lode, south side of the cross-course, which pissed through the lode at this point, and looks kindly, containing spots of ore; as soon as we cut through it we shall continue to drive east along the course of the lode. The same through the lode or spor faithout. The atopse (five in number) will yield one water from 10 to 11 cwts of ore per fathom. Owing to the frost we are not able to go on with the dressing as sound.

12 cwts, of lead or spor faithout. The atopse (five in number) will yield one with the dressing as sound.

13 cwts, of lead of spor, mended, and a title tine, and letting out large streams of water. We shall be able to see more of its character in a day or two.

14 WILEAA CAGIL.—With 10 blookers, March 7: In the 110, cust of Windstow shalt, the standard of the standard shall be able to see more of its character in a day or two.

15 WILEAA CAGIL.—With 10 blookers, March 7: In the 110, cust of Windstow shalt, the case of the standard shall be shall be able to see more of its character in a day or two.

15 WILEAA CAGIL.—With 10 blookers, March 7: In the 110, cust of Windstow shalt, the case of the standard shall be shall be able to see more of its character in a day or two.

15 WILEAA CAGIL.—With 10 blookers, March 7: In the 110, cust of shalt, the lode is 2 ft. wide, composed of mandle, blooke, and stones of ore.—Western Shalt: In the 10 cust the lode is 2 ft. wide, composed of mandle, blook was all the lode in 3 ft. wide, as wing work for the cust of the shalt of the wines shalling below the 70, cust of shalt, the lode is 3 ft. wide, as wing work for the cust of the shalt of the wings shalt of the north in lode, is all swings work for the cust of the shalt of the work in which the shall be shall be

In our tribute department the setting for the present month is as follows:—Four at 6s. 8d. in 1l.; four men, at 7s. 6d.; two men, at 10s.; two men, at 12s.; six at 13s. 4d.; and eighteen men, at 14s. in 1l., at a standard of 46l. per ton; the ter paying all expenses.

tive. In our tribute department the setting for the present month is as follows:—Four men, at 6s. 8d. in 12.; four men, at 7s. 6d.; two men, at 10s.; two men, at 12s.; six whether paying all expenses.

WHEAL HARRIETT.—S. Williams, March 3: The north lode in the 115 east end, from cross-cut, is producing stones of copper ore. The lode in the winze sinking below the 90 is worth for copper ores. For men, at 10s.; two men, at 10s.; two the 60 is worth for copper ores. The ground in the 7s cross-cut continues favourable for driving.

WHEAL HARTLET,—W. C. Vivina, March 7: It was underground yesterday and very much pleased with the appearance of the segment of the coll only set a very lice above the bottom the lode began to produce yellow copper ore in the form known by the working miner as "blistered" ore and "runned" ore, but the mineralogist name for which is bottyoidal or manmillated ore. It is of very rich quality as yellow ore, and there have been many instances in the Cornian mines in which it has been met with at the coming in of a large course of ore. This ore was found forming a distinct branch of the lode on the north or hanging wain, and it appeared to have a much greater undergie than the other part of the lode, so that it seemed at first as it is expended at first as it is expensed at first as it is expended at first as it is expensed at first as it is expensed at first as it is expensed at first as expensed at first as expensed at first as expensed at first as expensed at f

worth 8t, per im. The stopes and pitches are producing much as usual. We sold yesterday two parcels of lead ore—No. 1, computed 76 tons, to Messrs. Stock and Co., at 26t. 12s. 6d. per ton, and No. 2, computed 27 tons, to Messrs. R. Michell and Son, at 13tl. 12s. 6d. per ton, and No. 2, computed 27 tons, to Messrs. R. Michell and Son, at 13tl. 12s. 6d. per ton, and No. 2, computed 27 tons, to Messrs. R. Michell and Son, at 13tl. 12s. 6d. per ton, and No. 2, computed 27 tons, to Messrs. R. Michell and Son, at 13tl. 12s. 6d. per ton.

WHEAL NORRIS.—J. Andrews, March 3: Carter's shaft is down the required depth for a 70 fm, level; when the ground is squared down and soliar pat in we shall at once commerce to drive east at this level. The lode in the stope is note to the 57, east and west of rise, is without change, still producing low quality stamping work. The lode in the new or east stope, in back of the same level, is 3ft, wide, and for about 2 fms. fine length is worth 40t. per fm; the remainder of the stope is not so good; this is a great failing off in value from what it was in driving through in the level, which I am not surprised to see, as in driving through the out of the stope is not so good as the bottom, besides at the 45 the best part of the lode is not more than 6 ft. long, which shows the tin ground to be lengthining fast as it goes down. In the 45 fm, level end, driving east of cross-cat, on new lode, there has been no lode taken down since last report.

WHEAL SPARNON,—Wm. Tregay, E. Chegwin, March 3: Jardine's: The water bas been in here most of the week, and the progress made very little, but the heavy radan having failen off we are in fork again, and hope to make good progress next week. In the 20 rise the lode is improving in appearance as we get nearer the top of the elvan.—Belfry: The water being into the bottom of the mine has prevented us sinking this shaft for the week, now which have also known for the same part, stop of the week. The lode is large, and make up of peach, princ, spart, dec

MINING NOTABILIA. [EXTRACTS FROM OUR CORRESPONDENCE,]

[EXTRACTS FROM OUR CORRESPONDENCE,]

EAST CARN Brea, one of the most productive copper mines in Cornwall, has, through the general depression, been neglected by the public. Within the past 12 months dividends to the extent of 1500t, have been paid, and there is now upwards of 1000t, to the credit of the adventurers, with several important improvements in the mine, and the next sale of 326 tons. A change in the management is about to be made, which, it is said, will effect a considerable saving, and it is hoped that East Carn Brea will soon stand high in the Dividend List.

WHEAL MARY FLORENCE.—The lode on which the deep adit level is being driven continues to improve. The last 6 ft. have produced over 1 ton of copper ore, with every prospect of increased quantities as the level gets further under the hill, and nearer the great north and south jode, from 40 to 50 fms. ahead of the present end; and this is only one out of four east land west lodes known to exist in the sett, which are likely to be equally productive.

e likely to be equally productive.

At Great Wheal Bonnie vigorous operations are now being carried in repairing the shafts, &c., while the smiths' and carpenters' shops are erected. This a step in the right direction. Many of the best mining agents in Cornwall have inceted and reported most favourably on the mine, which is a shallow one, only 30 fms, low adit; and not forgetting that 8 tons of tin were raised per month in the last working with a few stamps heads; and, the greater portion of this tin being raised from the 20, while the lodes were actually richer in the 30, is looked upon with much interest in the neighbourhood. Great Wheal Bonnie is one of the most promising mines now before the public, and the shareholders may expect to be richly rewarded.

before the public, and the shareholders may expect to be richly rewarded.

THE ROSSE GRANDE GOLD MINING COMPANY (LIMITED).—The last
mail brought the directors the satisfactory intelligence that arrangements had been
made, with the full sanction of the company's Brazilian lawyer, by which Captain
Brokenshar has taken possession of the property, and commenced mining operations, and
that every effort will be made to send home gold returns as speedily as possible. This
company seems, therefore, now in a fair way of realising the favourable expectations

are glad to announce the safe arrival, after a long and dangerou voyage from Newfoundland, of Mr. H. T. Verran. Mr. Verran, a native of Cornwall has had a lengthened sojourn in various foreign countries, which, with his former experience of mining in England and Wales, well qualifies him for any appointment he may undertake, home or foreign.

The COOLARTRA AND BOND MINES (County Monaghan, Ireland) pro-The COOLARTRA AND BOND MINES (County Monaghan, Ireland) promises to become a great prize to the lucky shareholders. We lately reported a fine improvement, in which a lode of solid lead from 20 in, to 2 ft. wide had been discovered in the 26 fm, level, and had been driven on equally good for several fathoms, when the wall of the lode made what in mining is termed a "worp"—that is, had been thrown out of its true bearing. The agent still drove on the wall, leaving the course of ore standing until the warp should resume its true direction. This was done on Friday last; the course of ore was found to be even better than when the wall left it; stones of lead, perfectly solid, 80 to 100 lbs., were broken, and the lode is represented to be equally good in the end, ane going down even better than ever before sen in the mine. Not only is this a great discovery for the Coolatra adventurers, but it will stimulate the endeavours to work other setts in the neighbourhood, and now that so much attention to be the country of the control of a being directed to Irish mining industries, from a waristy of causes, it cannot fail to be of masterial advantage to Ireland generally. It is fortunate for this company that they in the first instance erected a powerful engine, as had they not done so they would not DALE MINE.—Capt. Niness is as confident as ever in his views; and it would appear that his expectations are well grounded, for a communication has been received to the effect that a most favourable feature is presented in the deeper workings, giving evidence that there is a chance of another Ecton being discovered.

EAST WHEAL LOVELL is looking well. The points to value amount together to between 2251, to 2351, per fathom. Had the price of tin been what it was a short time since the values would be 3001, to 3501, per fathom.

THE CROWAN DISTRICT.—This rich mining district, which 40 years since yielded such quantities of copper, and after lying dormant for so long a period, I am happy to say great efforts are being made tobring it to its former prestige. At CRENYER AND WHEAL ABRAHAM a great outlay has been made in erecting the most powerful pumping engines and machinery in Cornwall, and the drainage of the mines is progressing with energy.—At Wheal Curris a 70-inch cylinder pumping-engine has been erected, and mining operations carried on to a great extent, making regular returns of ore.—At Abraham, through which set the rich lodes of the latter mines run, and from the back of one of which nearly 1001, worth of black tin has been raised from an open cutting, without the aid of a candle. Active operations are being commenced, being worked with vigour under the management of Capt. John Vivian, who has been employed during two years as manager of the Crenver and Abraham Mines, and under whose supervision the whole of the extensive plant has been ind down. A pumping-engine, with stamps and appliances, has been purchased, and it is the opinion of practical men that the mine, under such able management, will turn out one of the prizes of this extraordinarily rich mining district.

CHONTALES GOLD MINES.

The most desperate efforts have been made by parties who have oversold shares in this company to knock down the price; and, though they have succeeded in making the quotations lower, through speculative transactions which do not represent shares really held by the sellers, yet many shares which were purchased for the account-day of February 28, have not yet been delivered. This explains the reckless and unfounded statements that have been circulated, the object being to frighten bona fide holders into parting with their shares. The last West India mail did not come from Greytown, and, therefore, did not bring any news from the mines; but the mail before that brought a remittance of gold which has realised upwards of 3000L, the produce of only 45 days, and the quartz from which it was extracted having been nearly all broken by one miner during that time. According to letters received by that mail, Capt. Paul had also sent by it to the company a full report on the mines and their prospects, but that document has not come to hand, and the absence of it has, no doubt, prevented much important information from being known; it is, therefore, nearly two months since a report has been received, and The most desperate efforts have been made by parties who have over prospects, out that document has not come to hand, and the absence of it has, no doubt, prevented much important information from being known; it is, therefore, nearly two months since a report has been received, and the "bears" have taken advantage of this to depreciate the property, to suit their books. But in the course of the ensuing week another direct mail is due, and we have no doubt the news will be most encouraging to the shareholders. The company was established only in October last, and it cannot be expected that large monthly remitteness are not be received. It cannot be expected that large monthly remittances can yet be received. But machinery and men have been sent out, and others sail by next steamer. The machinery and first party of men are now, probably, at the mines, and the second party must be more than half-way there. In the course of a few months the returns will become considerable; while, in the meantime, no doubt moderate quantities will be received.

It may further be stated that Capt. Francis sent home samples broken by himself from the lade at different places in all the mines belonging to

by himself from the lode at different places in all the mines belonging to the company, remarking that assays made in London would test their value, and adding that any quantity of similar stuff could be obtained. We are enabled to state that the results of these assays are most eatis-

We are enabled to state that the results of these assays are most satisfactory, ranging from a low percentage up to 70 ozs. of gold to the ton. It is to be regretted that the men at the mines have not yet had the benefit of a doctor, but this indispensable want will now be supplied. With regard to the climate, those who know the country best say that it is not unhealthy, and on this subject we cannot refer to a better authority than Commodore Maury, LL.D., so well known for his great scientific knowledge and experience, and as the author of the "Wind and Current Charts," the "Physical Geography of the Sea," &c. In a recent paper, Commodore Maury says, among other remarks, "The transit route of Nicaragua is exempt from these heavy drawbacks of dampness and disease (such as, he says, exist at Panama). It passes through a salubrious climate. The soil is productive, and its pastures abound in cattle. I have never heard of any disease peculiar to the country, nor of especial virulence there." And here it must be noted that the author of that quotation speaks from personal knowledge of his subject.

onal knowledge of his subject.

Never was a company more fairly and successfully established, and we onfidently look forward to this being one of the most profitable undertakings of the day.

ROSSA GRANDE GOLD MINING COMPANY .- It will be satisfactory to the shareholders to learn that the estate of Rossa Grande has been conceded to the company (pending the execution of the deed of sale), and that the company's agent at the mine (Capt. Brokenshar) has been instructed to at once commence operations.

South Darren.-This mine paid its first dividend-3s. per share SOUTH DARREN.—This mine paid its first dividend—3s, per share—this week, leaving a credit balance of about 1100l. There is every prospect not only of maintaining this dividend quarterly, but also increasing it in six months. The report is very favourable. The 60 west is worth 20l. per fathom; the 50 west (further advanced), 26l. per fm:, the stope in the back of this level, west of winze, 18l. per fathom; the stope in the back of this level, 23l. per fathom; the 40 west, 16l. per fathom; the stope in the back of this level, 23l. per fathom; the 30 west, 10l. per fathom; and the stope in the back of this level, 10l. per fathom; the 20 west produces a little ore, and is likely to improve. The reserves are valued at a considerable amount. In about three months several winzes will be completed, when the returns are expected to be increased. Even at the present rate of dividend the shares would pay 12½ per cent., at 4l. per share.

THE MINERS AND MINE ADVENTURERS IN CORNWALL. between the miners and the mine adventurers has assumed quite a different form during the past week, but, although at present the breach is far from being closed, both parties have shown so great a desire to bring about, by mutual concessions, an amicable adjustment, that it may fairly be anticipated the ultimate result of the movement will be productive of equal advantage to miners and adventurers. The miners are powerless to carry out their society as at present constituted, as the requirement of the law relating to benefit societies would prevent the rules being sanctioned, whilst to carry it on as a trades union would necessitate changes in the system of payment, which the reiners themselves would least desire. But whilst the miners are beginning to see that the projected society would be desire. But whilst the miners are beginning to see that the projected society would be more prejudicial to themselves (by preventing their free action, and placing them more in the position of ordinary labourers than they have been) than to their employers, the mine adventurers freely admit, to judge from the feeling evinced at the influential meeting of adventurers and agent at Plymouth, on Wednesday, that generally the miners are underpaid, and that the "doctor and clob," as a benefit concern, is "all sixes and sevens," and which will be found in another column of this day's Journal, are (excepting the second, which it would, legally, be very difficult to act upon) are most conciliatory, and the miners, by co-operating with the adventurers to carry them out, will do more to benefit themselves than could be done by any trades union which could be devised. The relinquishment by the adventurers of the "doctor and club" money would give the "General Association for the Benefit of Miners" a fund which would ensure it an amount of pecuniary prosperity worthy of the influence which the patronage and support of the gentlemen who will form the committee will undoubtedly give it.

Non-forfeiture of Shares.—In re the East Kongsberg Mining Com NON-FORFEITURE OF SHARES.—In 7c the East Kongsberg Mining Company (Limited), a Mr. Bigg, who was the holder of 110 shares in the company, received a notice requiring him to pay calls thereon, and informing him that if they were no paid on or before a certain day, "the shares would be forfeited without further notice, in pursurance of certain clauses in the Deed of Settlement. In the interval between receiving the notice and the day named, Mr. Bigs paid the calls on ten shares, informing the secretary that he wished to retain ten, in order to have a voice in the management of the company, but accepted the notice of the forfeiture with regard to the remaining shares. On the winding-up of the company, be contended that he was liable as the holder of ten shares only; but it was held by Vice-Chancellor Wood that the 110 share had not been absolutely forfeited, and that he must be considered a contributory in respect to the whole of them.

Vice-Chancellor Sir W. P. Wood has appointed Mr. James Cooper, the firm of Johnstone, Cooper, Wintle, and Evans, official ilquidator of the British a Foreign Granite Company (Limited).

	THE MINING SOURNAL.	MARCH 10, 1866.
ar x	have been able to take advantage of the prize they now evidently have before them, the indux of water being very great. Two levels (36 and 46) will soon be driven under this spiendid course of ore, when ample dividends may be confidently anticipated. THE SHROPSHIRE MINING COMPANY (LIMITED).—Another magnificent	The Mining Market; Prices of Metals, Ores, &c.
d, we dIvet	lode has been discovered by the making of a carriage road into this mine. The lode is about 30 feet wide, and contains a large quantity of green carbonate, rich black and gray oxides and yellow sulphurets of copper, altogether a splendid-looking lode. An adit level has already been driven to within a few yards of this lode, and will intersect it at a depth of about 12 fathoms from surface, at which point a very valuable discovery may be fairly anticipated. There are several other known todes in this sett, of great promise, all of which are productive of copper ores, and some of very rich quality. The works preparatory to the erection of the pumping-engine (which is already purchased), together with drawing and dressing machinery, are being rapidly proceeded with. Great Vor district, and for Vor.—Having during the past week been in the Great Vor district, and for many years connected with tim mines, I paid a visit to this mine, and was rather surprised to see the amount of work done at surface in so short a time, and so much mineral already brought to surface and being prepared for market, which cannot eventually fall, judging from appearances and composition, to yield large quantities of tim when further developed. I consider this set to be a most valuable	Copper by Comparison Copper by C
	piece of bighly mineralised ground, and of so great promise as rarely obtainable. The proprietory being influential investors augurs well for the future, and the shareholders may look forward at no distant period to see this mine take its position amongst the leading dividend ones. DALE MINE.—Capt. Niness is as confident as ever in his views; and it would appear that his expectations are well grounded, for a communication has been received to the effect that a most favourable feature is presented in the deeper workings, giving evidence that there is a chance of another Ecton being discovered. EAST WHEAL LOVELL is looking well. The points to value amount together to between 225t. to 235t, per fathom. Had the price of in been what it was a short time since the values would be 300t. to 350t. per fathom. THE CROWAN DISTRICT.—This rich mining district, which 40 years since yielded such quantities of copper, and after lying dormant for so long a period, I am	Bars ditto 8 15 0-10 0 0 Roops ditto 9 15 0-10 10 10 Rohests, single 30 7 6-11 0 0 Refined metal, ditto 4 5 0-4 10 0 Refined metal, ditto 4 0 0-5 0 0 Bars, commonditto 4 0 0-5 0 0 Do., merch, Tyncor Tees 7 10 0- Ditto, Railway, in Wales 6 7 8-6 10 0 Ditto Swed. in Kondon 11 10 0-12 0 0 TO arrive 10 0- To arrive 12 0 0- To arrive 12 0 0- To Arrive 13 18 6-4 7 6 Ditto, Co. Tync or Tees 2 9 6- Ditto, O. Tync or Tees 2 9 6- Ditto Swed. A, f. o. b. do 2 6 6-2 5 6 Ditto Step 1 15 0- English, blocks 191 0 0- Ditto, Refined 194 0- Straits 15 0- TIN-PLATES* Ti
	yielded such quantities or copper, and atter lying dormant for so long a period, I am happy to say great efforts are being made to bring it to its former prestige. At Chenver and Dumping engines and machinery in Cornwall, and the drainage of the mines is progressing with energy.—At Wheal Curtes a 70-inch cylinder pumping-engine has been erected, and mining operations carried on to a great extent, making regular returns of ore.—At Abraham Cossols, to the east of Crenver and Wheal Abraham, through which set the rich lodes of the latter mines run, and from the back of one of which nearly 100% worth of black tin has been raised from an open cutting, without the aid of a candie. Active operations are being commenced, being worked with vigour under the management of Capt. John Vivian, who has been employed during two years as manager of the Crenver and Abraham Mines, and under whose supervision the whole of the extensive plants has been implances. has	Railway chairs. 5 10 0-5 18 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

REMARKS.-Nothing has occurred, unfortunately, during the past week to vary the monotony which continues to exist in the Metal Market. Although it was hoped, when the reduction took place in the Bank rate, a fortnight since, that matters would take a more favourable turn, yet, as that reduction has not been followed by others, the rate of discount still remaining at a high point, and the Money Market continuing comparatively tight, business has not improved, as was expected, but has continued in the same depressed condition as before; indeed, if anything, it appears to be rather worse than better. Shipping orders are very scarce, and speculative operations have almost ceased, and very little business, except for immediate requirements, is being done. This state of things is much to be deplored, and has thrown a damp over the market, which is the more annoying, as generally at this time of the year the market becomes very active with spring orders. We trust, however, yet that something may arise to cause a better feeling to spring up, and bring about a more satisfactory condition of the metal trade. The continued unsettled state of affairs in the United States is very prejudicial to business, and prevents the return of those active commercial relations which formerly characterised our trade with America. It is to be hoped that the efforts of the President to conciliate the Union will be successful, and that we shall, ere long, see a more settled state of things arising there.

COPPER.—No improvement has yet taken place in the market for this metal, and it still remains in a very quiet condition; prices, however, continue steady, and it is still hoped that an upward movement may take place. IRON.—In Staffordshire the orders are rather falling off, and while most of the large houses are in full operation, many of the second-class makers are short of specifications, and a considerable number of works are not started the first day or two of the week. There is no change in the pigiron market, the great rise in Scotch pigi-ron, by diverting importation of pigs into South Staffordshire, has given firmness to the price on faitive brands. In Welsh the iro though it was hoped, when the reduction took place in the Bank rate, a fortnight since, that matters would take a more favourable turn, yet, as

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THE LIVERPOOL METAL MARKET-MARCH 8.

THE LIVERPOOL METAL MARKET—MARCH 8.

PIG-IRON.—The market is much the same, fluctuating between 76s. and 78s., cash. The clique show no signs of weakness as yet, and report says they intend carrying prices up to 85s., or even 90s. We hear bitter complaints from Scotch consumers of pigs, many of whom are going on half-time, in consequence of these forced prices.

MANUFACTURED IRON continues quiet, with nothing of importance to mention. American orders are, if anything, falling off still, and are extremely light. Canadian orders are coming in more freely, but are reported as under the average of usual spring orders. The demand for nailrods continues to fall off. The shipbuilding trade is very quiet, and but few large specifications are afloat for angles and plates. The annexed list of exports shows a fair average for the year.

Tin is quiet; the recent reduction in price has not increased the demand to any material extent.

Tin-Plates.—Charcoals and first quality cokes are in brisk demand,

to any material extent.

TIN-PLATES.—Charcoals and first quality cokes are in brisk demand, at good prices, but for immediate delivery only. Cheap cokes are rather a drug in the market, and can only be sold at 6d. under quotations. Prices this week have been ruling—Charcoals, 33s.; best cokes, 29s. to

COPPER and LEAD.—Nothing noteworthy. All metals are quiet.

COPPER and Lead.—Nothing noteworthy. All metals are quiet.

BMPORTS OF ORES, &C., DURING FERRUARY.

3432 pigs of lead; 228 cast-steel tyres; 2 cast-steel axies; 2 cases of iron safes; 3 cases of machinery; 122 bars of plow metal, 4554 bars of iron, 25 tons of pig-iron (8t. John's); 455 tons of manganese ore; 385 cases of sewing-machines; 200 barrels of white sine; 300 bars of iron (passages); 18 boxes of iron, 24 bars of iron, 2 iron frames (New York); 471 tons of copper ore; 104 casks of ores; 10 case of silver; 78 bags of silver and copper regulus; 73 cases of ironwares; 5222 tons of sulphur ore; 327 bars of iron; 16 kegs of iron-wire, 2 cases of metal and steel-wire (Antwerp); 1050 barrels of nalls; 188 casks of nalls; 190 kegs of nalls; 812 plates of copper; 1000 empty fron bottles; 731 bars of opper; 1 cask of copper; 2522 bags of copper ore; 281 boxes of lead ores; 101 casks of lead ores; 102 quintals of lead ores; 2850 plates of zine; 74 cases of arms; 11 bars of tin; 42 bags of copper barilla; 32 tons of copper; 7245 pigs of copper; 25243 quintals of copper case; 2525 tons of select; 4405 tons of pig; 2977 tons of bar; 1475 tons of rod; 2178 tons of hoop; 2232 tons of sheet; 4405 tons of select; 2178 tons of hoop; 2232 tons of sheet; 4405 tons of strips; 194 ton of railway; 354 tons of pig; 2977 tons of railway; 354 tons of pig; 2974 tons of true; 200 tons of strips; 195 tons of railway; 354 tons of railway; 354 tons of kees; 25 tons of tyres; 290 tons of strips; 194 ton of band; 9 tons of serioli and band; 1½ ton of button iron; 10½ tons of corrugated sheets; 13634 tons of railway; 354 tons of railway; 354 tons of kees; 25 tons of tyres; 290 tons of strips; 145 ton of bar of serioli and band; 1½ tons of serioli and serioli and band; 1½ tons of serioli and serioli an

BIRMINGHAM, MARCH 9.—Rylands' "Iron Trade Circular" says much doing in our markets, but tone firm, and prices steady, with good feeling for the future.

COAL MARKET.-The fresh arrivals this week number 124 ships. The market opened rather heavy on Monday, and it was necessary to reduce the price of house coal on Wednesday Is. per ton, which stimulated the demand. To-day more business was transacted, and prices supported for all descriptions of coal. Hetton Wallsend, 19s.; South Hetton Wallsend, 18s.6d.; Hartlepool Wallsend, 18s.6d.; East Hartlepool Wallsend, 18s.6d.; Eden Main, 16s. 6d.; Gosforth Wallsend, 15s. 6d.; Hetton|Lyons Wallsend, 15s. 6d.; Hasting's Hartley, 15s. 3d. Cargoes unsold, 20; ships at sea, 15.

THE TIN TRADE.—Messrs. Von Dadelszen and North, under date March 3, write:—It now becomes a matter of the utmost importance to form a just view of the future of tin, so as to decide what ought to be given for the Bance at the coming sale, and we must remember that it is not only the quantity put up by the Trading Company which will be available, but also the balance of 76,000 slabs left over from last year's sale. The Trading Company has made important atterations in their conditions of sale. They no longer allow 1 per cent. discount for cash, and give two months' prompt, but they also give the privilege of taking 3\(\) months' credit to some approved Dutch houses, in lieu of the 1\(\) per cent. discount and the two months' prompt. The warrants on the prompt day will be made out in lots of 100 slabs, instead of 300, as heretoore. It is, therefore, necessary under the new conditions that buyers in Dutch currency should not lose slight of this disadvantage of 3 per cent., compared with the terms of former years. All these alterations and uncertainties about make foreign buyers cautious how they give orders to the Dutch commission houses before the sale. We would venture to advise our immediate friends to allow the Dutch operators to fix the price, and then buy afterwards, should it be lower than that current here for Straits. There is no necessity for paying high prices, especially, too, when as how the quality of the greater portion of our Straits in its so much improved. The experience of former years teaches us caution, and we would impress this lesson on our friends. Our advices from the Zaat are most unsatisfactory; large purchases continue to be made for this market at price which show at present a loss of nearly 10\(\), per ton on importations. The quantity of the here and in Holland on Feb. 28 was as follows, compared with the three preciding years:

Slabs. Tons. Slabs. Tons THE TIN TRADE.-Messrs. Von Dadelszen and North, under date

Total 10,270 9349 7280 6779
The quantity of tin now affoat for England is 1181 tons, against 1062 tons last year; and to the Continent, nil.

We think the Government exercised a wise discretion in not adding to the burdens of the mining interest just now; but, depressed and unsatisfactory as that interest now is, we, as well as others, were rather surprised actory as that made in the House of Commons the other evening, in the course of the debate upon the proposed Rating of Mines Bill, in which one of the members for the county said "he doubted if there were five dividend paying mines in Cornwall;" and as this statement, made in such a place, and apparently on such authority, has been much commented upon, we refer to it in order to correct the erroneous impression it cona place, and apparently on such authority, has been much commented upon, we refer to it in order to correct the erroneous impression it conveyed, and to suggest that the hon member alluded simply to the Eastern district, which he represents, and in which there are six dividend mines—South Caradon, East Caradon, Marke Valley, Herodsfoot, Wheal Trelawny, and Hingston Down. Throughout Cornwall the number is made up to a score—Great Wheal Vor, Dolcoath, West Seton, Wheal Seton, Wheal Rose, Wheal Basset, West Chiverton, Providence Mines, Cargoll, Kitty (St. Agnes), Tincroft, East Rosewarne, and East Lovell. Of these 17 have paid since Jan. 1—that is, in two months—the sum of 28, 1634. 4s. 6d. Great Wheal Vor paid 20,6784. last year, and the first quarterly dividend this year is not due till the end of this month. Trelawny dividend is also due this month, and not included in the above amount, East Pool at the last meeting, in December, made a profit of 10174. 17s. 4d. in two months' working, but did not pay a dividend.

In the Mining Share Market, since our last, very little business has been transacted, except in West Chiverton, Great North Laxey, East Basset, Chiverton Moor, Wheal Basset, South Darren, and a few others. Great North Laxey leave off 2½, 2½; a large business has been done during the week, and the tendency is still upwards. The mine has been inspected for the company by an independent agent, and his report circulated among the shareholders this week. In it he says—"From the improved character of the vein which has taken place here (the shaft), I think it highly probable that you are fast approaching to something of great importance below. In fact, with the favourable indications now daily taking place, I should not be surprised to hear any day of your meeting with a large deposit of lead ore in the shaft." South Darren, 24, 34, ex dividend of 3s.

probable that you are fast approaching to something of great importance below. In fact, with the favourable indications now daily taking place, I should not be surprised to hear any day of your meeting with a large deposit of lead ore in the shaft." South Darren, 2½, 3½, ex dividend of 3s. per share, declared on Thursday, and leaving a balance in hand of 1100l. The report of the mine is very favourable. The ore ground laid open in the mine is estimated at 11,000l. Cargoll, 28 to 30; Carn Camborne, 30s. to 32s. 6d.; Chiverton Moor, 6½ to 6½; Wheal Buller, 26 to 28; the lode in the 80 east, the grand point in the mine, is 4 feet wide, producing good stamping work for tin, with a very promising appearance for copper. Chontales Gold, 3½ to 3½; Clifford Amalgamated, 15 to 16; East Basset, 21 to 23, and in demand; East Carn Brea, 3½ to 4; East Rosewarne, 32s. 6d. to 35s.; East Russell, 2½ to 3; East Wheal Grenville, 3 to 3½; Frontino Gold, 1½ to 1½; Great Laxey, 20 to 20½.

Old Gunnislake, 1 to 1½; the first annual meeting has just been held, and the accounts show that about 14,000l. have been expended out of the 18,000l. originally estimated to bring the mine into a profitable position. All the machinery requisite for its full development has now been erected, and in good order; while the reports of underground operations are very encouraging. Parker's shaft is down 33 fathoms, and sinking by six men. The lode in the bottom of the shaft is 3 ft. wide, with every characteristic to lead the agents to expect large deposits of copper ore, more especially as, from similar indications at Michael's shaft, the former company made very large annual profits. In addition to the lode in Parker's shaft, there are said, in the report, to be several very promising side lodes. Marke Valley, 4 to 4½; North Treskerby, 3½ to 3½; Providence Mines, 32 to 34. South Frances, 14 to 15; at the meeting the accounts showed a loss on two months' working of 44l.19s.1d., and a balance in hand of 533l.5s.2d. Pascoe's shaft is 8 fathoms below the two months' working of \$44.19s. Id., and a balance in hand of 533l.5s. 2d. Pascoe's shaft is 8 fathoms below the 144, and the lode daily expecting to be cut. Altogether the mine is poor, and in the tribute department there are 16 pitches in copper ore, working at an average tribute of 10s. 3d. in 1l. South Condurrow, 34s. to 36s.; Tincroft, 14 to 15; West Caradon, 7½ to 8½. Camborne Vean, 10s. to 15s.; at the meeting a call of 1s. 9d. per share was made; in the 135 a good discovery has been made; in clearing the old workings a lode has been found and driven upon, 4 feet wide, worth 10l. per fathom for copper, and 10l. per fathom for tin. No level has ever been driven under this, and there is a run of 100 fathoms on it to the boundary. Above this discovery, many years ago, a large amount to the boundary. Above this discovery, many years ago, a large amount

copper was raised.

At Great Wheai Fortune, in the 114, east of Carnmeal engine-shaft, At Great Wheal Fortune, in the 114, east of Carnmeal engine-shaft, a good lode has been found, and, as far as cut into, consists of mundic, blende, copper ore, peach, and a little tin, exceedingly rich in character. West Chiverton, 75 to 80; the shares declined, owing to a slight accident to the machinery, which let in the water for a time, but it is now quite repaired, and the mine in full work, and the lode in the 100 daily expected to be cut. Sheepstor and Lyd River Mine, 1 to 1½ prem.; Bottle Hill, 4s. to 5s.; the report shows a very good discovery in this mine. Prince of Wales, 4s. 6d. to 5s. 6d.; the lode in the 45 has been taken down this week, and is still worth 20t, per fm., and sinking below the 45 going on with all speed. West Wheal Seton flat, at 150 to 155. Wheal Basset enquired for, at 87½ to 92½. Wheal Grenville, 2½ to 3; Wheal Seton, 205 to 210; Wheal Trelawny, 14 to 15; Great Wheal Vor, 28 to 29; East Caradon, 8½ to 8½. We understand the men are still on strike here and at Marke Valley.

The market for mine shares on the Stock Exchange during the week.

The market for mine shares on the Stock Exchange during the week has been dull in tone, the chief dealings having been in Chontales. In the early part of the week shares were sold heavily, and prices declined, but towards the close on large buying orders a rally set in, and finally closed from at 21.4 23.4 towards the close on large buying orders a raily set in, and finally closed firm at $2\frac{1}{8}$ to $2\frac{3}{8}$ prem. Frontino and Bolivia have been dealt in at $\frac{1}{8}$ to $\frac{1}{8}$ prem. Washoe Gold, $\frac{1}{8}$ dis. to par; no official advices have been received from the mines, which is unfavourably read by the dealers and speculators. St. John del Rey shares are steady, at 53 to 55. Cobre shares enquired for, at the greatly depreciated price of 16 to 18; Don Pedro, 1-16th to 3-16th prem; Anglo-Brazilian, par to \(\frac{1}{2}\) prem.; East del Rey, \(\frac{1}{2}\) to \(\frac{1}{2}\); Port Phillip, I to \(\frac{1}{4}\); English and Australian Copper, \(\frac{1}{2}\) to \(\frac{1}{2}\); Pestarena, \(\frac{1}{2}\) dis. to \(\frac{1}{2}\) prem.; Val Antigoria, \(\frac{1}{2}\) dis. to \(\frac{1}{2}\) prem.; Cape Copper shares have been largely dealt in at \(\frac{1}{2}\) to \(\frac{1}{2}\) prem. Sheepstor and Lyd River Company is nominally quoted par to \(\frac{1}{2}\) prem. Great Wheal Vor shares, by adverse operators, have been driven down to 28, 29; the meeting will be held in a few days, when a good dividend will be declared. ing will be held in a few days, when a good dividend will be declared. The mine is reported as looking well. West Chiverton, 75 to 77½, and in demand; the capels of the lode have been intersected in the 100 crosscut; the indications are most favourable; the mine never looked so well at any former period. Chiverton, 8 to 81; Chiverton Moor, 62 to 62; Great Laxey, 20 to 201. Great North Laxey shares have been dealt in

The STAFFORDSHIRE WHEEL AND AXLE COMPANY, with a capital of 400,000%, in 20% shares, has introduced its prospectus for the issue of half the capital. As indicated by the title, the object in view is to manufacture railway rolling-stock, the production of which at present is inadequate to the increasing demand. In order that the details shall be carried out with the increasing demand. In order that the details shall be carried out with economy and upon an extensive scale, the directors have in contemplation the acquisition of works adjoining railway and canal accommodation in the centre of the South Staffordshire coal and iron district. The direction is composed principally of gentlemen connected with the Staffordshire district, and the offlice of the company is located in Birmingham. It is not in contemplation to call up more than 10t. per share.

in contemplation to call up more than 10% per share.

The Cornwall Great Consols Copper Mine is about to be worked by a cost-book company in 6000 shares, of which 5000 are retained by the vendors, and the remaining 1000 are offered to the public at 1% 58, per share to provide working capital. The sett is held from the Duchy of Cornwall for 20 years, from August, 1864, at 1-15th dues, reducable to 1-18th. The sett contains seven lodes, including the Great Churchyard lode, and extends one mile in length and 600 fms. in breadth. The necessary offices and buildings are erected, and 7500% have been expended up to the end of 1865. Men are now working in the adit on tribute at 5s. in 1%, and are raising rich black and yellow copper ore. The allottees of the working capital shares will have the right of appointing one member of the committee of management. The mine has been inspected by Capts. John Key, James Richards, and Henry James, all of whom express encouraging opinions upon the prospects of the enterprise, Capt. James concluding an elaborate report, which is appended to the prospectus in another column of this day's Journal, and in which the several points of operation in the mine are referred to in minute detail, remarks that of operation in the mine are referred to in minute detail, remarks that "this mining property is a speculation of no ordinary character."

four years, and it is believed that by the introduction of more capital the company, which is purchasing the property on very favourable terms, will reap the benefit in an unusually short time. The gentlemen constituting the board of direction guarantee that the concern shall be well managed, and consider that there is no reason why it should not be a great success, as it has everything in its favour. Mr. Grifflith Ellis, of the Dinorwic Quarries, at Llanberis, has superintended the works for upwards of two years, and he expresses great confidence in the undertaking turning out a most valuable concern. A prospectus appears in our advertising columns.

At Redruth Ticketing, on Thursday, 2447 tons of ore were sold, realis responding sale of last month, the decline has been in the standard 21, 15s. and in the price per ton of ore about 3s. 6d.

At the Derwent Mines Company meeting, on Wednesday, the directors clared an interim dividend of 21, 10s. per share.

At the South Darren Mine board meeting, on Thursday, the directors declared a dividend of 3s, per share, free of income tax, payable forthwith; after paying which a credit balance of about 1100% is carried over. A most favourable report on the is received from the agent.

which a credit balance of about 1100% is carried over. A most favourable report on the mine is received from the agent.

At South Chiverton Mine meeting, on Feb. 28, the accounts to Dec. showed a credit balance of 1251, 12s. 3d. An office of reference has been opened (without charge to the company) at Mr. J. Thomson's, 146, Buchanan-street, Ginsagow.

At the West Sharp Tor Mine meeting, on Thursday, the accounts showed a balance of receipts over expenditure of 3764, 15s. 46., and a call of 22, per share was made. The mine was considered to be in an encouraging position, and the agent's report was very good. Capt. Richards reports that—"The appearances of the mine, on the whole, are in an improving condition, and he hope soon to be able to send the cheering intelligence of having cut a spiendid course of ore in the 174."

At Old Gunnislake Mining Company annual meeting, on March 2, the accounts showed a credit balance of 33,0671, 8s. 11d. Messrs. Bennett and Capt. Savage being disqualified as directors, the board for the ensuing year will consist of Captain Biakely, Chairman, Messrs. W. Gill. deputy-chairman, Benjamin Cobb, Charles Burn, Pierce Power, and T. C. Gill. Messrs. Wm. G. Gard, manager, and J. Phillips, agent, say—"We believe that we have surmounted not only our greatest difficulties, but also our greatest outlay. Our machinery is of the best, and its efficiency has been most severely tested during the late severe weather, and there cannot be a doubt but that the Old Gunnislake Mines will, at no distant period, prove all that has been prognosticated of them, and that every important statement in the prospectus will be strictly verified." A statement of the affairs of the company by the directors was submitted to the meeting, together with reports from the engineer, Mr. John Hocking, jun., and Capt. Henry James—all of which will appear in next week's Journal.

At the Wentworth Consols Mine meeting, on Feb. 28 (Mr. E. Burgess in the chair), the accounts showed a credit balance of 16, 14s. 1d. It was reso

and no expects the present price provents and content present price provents and content present price provents and Slab Company (Limited) have declared a dividend of 10 per cent. upon all payments made by them up to Feb. 23, which terminated their first financial year.

At North Shepherds Mine meeting, on Feb. 28, the accounts showed a debit balance of 6541, and a loss on the three months' working of 20161. A call of 10s. per share was made.

At Mineral Bottom Mine meeting, on Feb. 28, the accounts showed a

redit balance of 16301. 15s. 9d. Captains Juleff and Harris having, in justice to the hareholders, a second time recommended that the workings be stopped, in consequence of the unfavourable appearance of the mine, the committee resolved that the operations e suspended, the machinery and materials disposed of, and the affairs wound-up.

At Camborne Vean Mine meeting, on Monday, the accounts showed a lebit balance of 4171. 3s. A call of 1s. 9d. per share was made.

debit balance of 417t, 3s. A call of 1s. 9d. per share was made.

At the Montes Aureos (Brazilian) Gold Mining Company (special) meeting, on Tuesday (Mr. J. Hocken in the chair), the resolution for the winding-up of the company voluntarily was confirmed.

At the English and Australian Copper Company (special) meeting, on Thursday (Mr. R. A. Routh in the chair), the special resolutions amending and altering the Deed of Settlement, and registering the company under the "Companies Act, 1862," as a company limited by shares, and altering the name of the company adding the word "limited," were unanimously confirmed.

At the Mariquita and New Granada Mining Company (special) meeting, on Monday (Mr. R. A. Routh in the chair), a resolution was passed that the company should be wound-up voluntarily, the object in view being to reconstitute it upon a sounder financia basis. A committee of shareholders was appointed to consult with the directors as to the terms of the new company. Details in another column.

At the San Pedro del Monte Silver Mining Company (first general) meeting, on Monday (Sir Richard Birch in the chair), the report of the directors was received and adopted. A letter from the manager was read, showing the progress of the works, and expressing a very favourable opinion as to the value of the mine. This, with the details of the meeting, appear in another column.

The Bank of England return for the week ending on Wednesday even-

The Bank of England return for the week ending on Wednesday evening is rather favourable than otherwise, although there is again an increase in the advances on "private securities" to the extent of nearly 500,000. In the issue Deranxwark there is shown, on the liability side, an increase of \$7,4651. In the notes issued, MENT there is shown, on the liability side, an increase of 37,465L in the notes issued, which is represented by a corresponding increase in the gold coin and builton on the asset side. In the BANKING DEPARTMENT there is shown, on the liability side, an increase in the "rest" of 20,084L; an increase in the "nest" of 20,094L =652,522L. Deduct: a docrease in the "other deposits" of 641,726L: leaving the total increase of liabilities of 10,797L, against which there is, on the asset side of the account, an increase in the "other securities" of 493,192L, leaving a balance, being an increase in the total reserve (notes and coin) of 117,605L. The reserve consisted of notes, 7,416,245L, being an increase of 71,140L; and gold and silver coin, 899,834L, being an increase of 46,465L=117,605L, the aggregate total increase shown above.

The Great Western and Fowler's United Collieries Company have deared an interim dividend of 6 per cent. per annum. Mr. A. Halcomb has been elected

hairman.

The Anglo-Swedish Steel and Iron Company (Limited) has called an xtraordinary general meeting for Tuesday, "to consider, and, if approved, confirm, the irms of agreement entered into with the vendors of the properties proposed to be purchased y the company, and which the directors unanimously recommend for adoption."

At the Union Cement and Brick Company (Limited) meeting Lord synham was elected Chairman, and Mr. Joseph A. Horner Deputy-Chairman for the naulog year. Mr. Edward Twelvetrees, of Biggleswade, has recently joined the board.

At the New Eunswick and Nova Scotia Land Company general meet-

ing, on Thursday (Mr. Hughes in the chair), the report and accounts were received and adopted, and a dividend of 10s. per cent. (free of income tax), declared. The retiring

rectors were re-elected.

At the Coppa Oil Company annual meeting, held at their works, the hairman, Mr. Thos. Short, Jun., presided, and a dividend of 10 percent, was declared. In Important addition to the capital of the company was announced—that of the admission the proprietors of the Nerquis Colliery, whose joint production of Cannel with that of

the Coppa Coiliery will give the Coppa Oil Company great advantages, as they are secured for a long term of years with an ample supply of Cannel for their extensive crude oil and refinery plant.

Mr. John Arthur Roebuck, M.P., has been elected chairman, and Mr. Thos. Hattersley deputy-chairman, of the General Exchange Bank.

The Earl of Shrowsbury and Talbot has joined the board of the London and Northern Insurance Corporation in the capacity of chairman.

On the Stock Exchange a moderate amount of husiness has been

and Northern Insurance Corporation in the capacity of chairman.

On the Stock Exchange a moderate amount of business has been transacted in mining shares during the week. The following quotations are officially recorded in British mining shares:—Great Laxey, 20½, 20, 21; Great Wheal Vor, 30, 29½, 30½, 29½, 28, 28½, 28; East Caradon, 7½, 8, 8½; East Genrille, 4, 3½, 4½; East Cara Brea, 4; West Basset, 1½; Clifford Amalgamated, 15½. In Colonial mining shares the prices were:—Yudanamutana, 1½, 1, 1½, 1; Cape Copper, 11½, 11, 11½. In Foreign mining shares the prices were:—St. John del Rey, 54, 55, 53, 52½, 54; Chontales, 4, 3½, 3½, 3½, 3½, 3½, 3½, 3½; 30 Der Pedro North del Rey, 16s, 6d.; Cobre Copper, 16; Alamillos, 1½, 1½; Frontino and Bolivia Gold, 1½, 1½.

Rey, 16a. 6d.; Cobre Copper, 16; Alamillos, 1½, 1½; Frontino and Bolivia Gold, 1¾, 1½.

The Metalliperous Mines Bill.—A meeting of the committee appointed some time ago to watch any legislation that might be proposed by Parliament with regard to metalliferous mines, was held on Monday at Tyack's Hotel, Cambourne. The attendance was very numerous, there being present—Captain W. Teague (in the chair), Dr. George Smith, Major Bickford, Messrs. J. Haye, P. P. Smith, F. Hill, Reginald Grylis, Joseph Roberts, C. Thomas, John Thompson, T. P. Tyacks, J. F. Daniel, E. Burgess, R. H. Pike, S. H. James, G. A. Michell, B. Matthews, J. P. Bennetts, R. Roger, W. Teague, jun., Joseph Vivian, Thomas Richards, W. C. Vivian, and F. W. Dabb. The Chairman read a correspondence which had taken place between himself and Mr. St. Aubr, as representing the four county members, relating more particularly to the composition of the proposed local board on metalliferous mines. A long discussion ensued on this important question, and utilimately it was decided that the county members abould see the Government authorities on the subject. It was stated—and the information was received with general approbation—that the Government intended, on introducing the bill on metalliferous mines, to confine the measure to the Stannaries of Corawall and Devon; and that it was expected the bill would be brought into the House of Commons by Sir George Grey so and fare Easter. It was also stated that the bill of Lord Kinnaird had been laid on the table of the House of Lords, but that his Lordship had promised not to proceed with it until after Sir George Grey bad introduced his measure. It was resolved that, in accordance with the suggestion of the county members, Mr. P. P. Smith be requested to meet the Government draughtsman upon the clauses of the proposed bill, and a committee, consisting of Captain William Teague, Mr. F. Hill, Mr. J. Haye, San Mr. J. P. Bennetts, was appointed, in order to confer from thee to time with Mr. Smith on the subject. Before

THE ANGLESEA COLLIERY COMPANY (LIMITED).—A petition winding-up this company by the Court of Chancety has been presented to the I Chancellor by Messra, James Wright, Copthail-court, Throgmorton-street, civil et neer, C. T. Hawkins, Oxford, Thos. Cooper Smith, Finsbury-place South, and Col. Rush, York-terrace, Regent's, park, and the said petition is directed to be heard be Vice-Chancellor Sir William Page Wood this day (Saturday)

	LEAD	ORES.		
Date. Mines.		Price per	ton.	Purchasers.
Mar. 2-Minera				Walker, Parker, & Co.
- ditto	120		6	ditto
- ditto	89		6	ditto
- ditto	73	• 13 18	6	ditto
6-Great Laxey	100	. 23 11	6	Stock and Co.
7-Wheal Mary Ann	76	. 26 12	6	ditto
- ditto	27	. 13 12	6	Michell and Son.
-Minera Boundary, &c.	30		6	Walker, Parker, & Co.
8-Talargoch	921/2	. 14 13	6	A. Eyton.
- ditto	163	. 14 18	6	Walker, Parker, & Co.
-Rhosesmor	17	. 13 3	6	ditto
-Parry's	12	. 13 7	6	A. Eyton.
-Bryn Gwiog	85	. 14 3	6	Walker, Parker, & Co.
-Pennant	13	12 18	6	Newton, Keates, & Co.
-Trelogan	17	. 14 8	6	A. Eyton.
-Billing	20	13 5	0	Newton, Keates, & Co.
-Roman Gravels	29	13 10	0	A. Eyton.
-Dyliffe	41	. 12 19	0	Newton, Neates, & Co.
-Llangynog United				Walker, Parker, & Co.
-Llanerchyraur				Newton, Keates, & Co.

BLENDE.

COPPER ORES. Mines

Date. Mines. To
March 1—Prosper United....

— ditto
March 3—Wheal Uny.....

COPPER ORES. Sampled Feb. 21, and sold at Tabb's Hotel, Redruth, March 8.

Mines.	Tons		Pric	e.	Mines.	T	ons.	Pi	rice.	
Clifford Am	algamated104	4	23	6 6	Tolcarne		67	£5	0	0
ditto	102		3	6	ditto		46	3	18	0
ditto	100		6	9 6	ditto	*********	34	3	18	0
ditto	99		3	4 6	South Whea	Frances	48	3	17	0
ditto	98		4	4 6	ditto		38	5	10	6
ditto	81		3 1	5 6	ditto		26	10	1	0
ditto	76		4 1	3 6	ditto	********	21	5	12	0
ditto	68		3	4 6	ditto		5	0	17	6
ditto	61	1	2 1	7 6	South Tolgus		59	3	17	0
ditto	32		2 1	7 0	ditto		36	4	13	0
Consols .	69		9	1 0	ditto	**********	31	3	3	0
ditto	29		4	7 6	North Roske	ar	51	5	15	•
West Seton	71		4	. 0	ditto	*********	45	. 5	2	(
ditto	67		4 1			*********			1	•
ditto	62		7 1	2 0	East Pool	*********	58	3	16	(
ditto	60		2 4	4 6	ditto	*********			19	(
ditto	56			5 0	South Condu				2	•
ditto	54		7	5 6					9	(
ditto	51		9 1	0 6	North Gram				15	0
ditto	50		7 1						17	(
Wheal Bass	et102		3 1					. 1	11	(
ditto	60		6 1:	2 6	Killifreth			. 6	9	(
ditto	54		5 1		Wheal Uny	********	5	. 5	2	6
ditto	34	1	2 1	8 6						

 Clifford Amalgam.
 922
 £4661
 19
 6
 East Pool
 108
 £ 417
 18

 West Seton
 471
 2699
 18
 0
 South Condurrow.
 74
 516
 6

 Wheal Basset
 160
 1530
 8
 0
 North Grambler
 34
 195
 10

 Tolcarne
 147
 647
 0
 West Stray Park
 28
 191
 16

 South Wh. Frauces 138
 775
 0
 Emys' Ore
 12
 18
 12

 South Toigus
 126
 492
 4
 0
 Killifeth
 8
 61
 12

 North Roskear
 124
 582
 2
 6
 Wheal Uny
 5
 25
 12

Average Standard £111 18 0 | Average Produce £5 3 0

Average Price pt ton £5 3 0

Quantity of Ore £247 tons | Quantity of Fine Copper, 172 tons 16 cwts,

Amount of Money £12,608 19 0

LAST SALE — Average Standard £114 8 0 — Average Produce 61/2

Standard of corresponding sale last mouth, 2210 10 0115dde		
COMPANIES BY WHOM THE ORES WERE PURCHASE	D.	
Names, Tons, Am		
Vivian and Sons£248	9 5	2
Freeman and Co 109	1 6	9
Grenfell and Sons 159	5 6	9
Sims, Willyams, and Co 169	3 11	1
Williams, Foster, and Co 241	3 15	5
Mason and Elkington 107	2 14	8
Bankart and Sons 29	5 13	0
Copper Miners' Company 15514 72	1 14	0
Charles Lambert 52	1 6	8
Sweetland Tuttle, and Co 1641 66	5	6
Total 9447 £12.60	8 19	0

Copper ores for sale at Tabb's Hotel, Redruth, on Thursday next.—Mines and parcels.

—Prosper United 437—East Carn Brea 326—Wheal Margery 280—West Basset 242—
East Rosewarne 126—Wheal Cartla 100—Copper Hill 88—North Basset 62—Bampfylde
55—Wheal Builer 50—New Rosewarne 41—Moiland Mine 35—Wheal Hartley 7—Providence Mines 5—Harris's Ore 2.—Total, 1856 tons.

vidence Mines 5—Harris's Ore 2.—Total, 1856 tons.

Copper ores for sale at the Royal Hotel, Truro, on Thursday week.—Mines and parcels.—Devon Great Consols 1830—Hingston Down 560—New Wheal Martha 385—Okel Tor 330—Marke Valley 302—East Caradon 220—Wheal Friendship 203—East Wheal Eussell 189—Wheal Crelake 170—Bedford United 149—Wheal Emma 115—Lady Bertha 100—New Corniah 39—Gawton Copper 91—Fursdon 33—West Beam 14—Collacombe 13.—Total, 4303 tons.

WATSON AND CUELL, MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

MESSRS. WATSON AND CUELL having made arrangements for transferring their weekly Circular, which has had so large a circulation during the post ten years, to the columns of the Mining Journal, their special reports and remarks upon Mines and Mining, and the state of the Share Market, will in future

remarks upon Mines and Mining, and the state of the Share Market, will in future appear in this column.

In the year 1843, when Cornish mining was almost unknown to the general public, attention was first called to its advantages, when properly conducted, in the "Compendium of British Mining," commenced in 1857, and published in 1843, by Mr. J. Y. Warson, F.G.S., author of "Gleanings among Mines and Miners," "Becords of Ancient Mining," "Craish Notes" (first series, 1882), "Craish Notes" (genes are size, 1883), "The Progress of Mining," with statistics of the Mining interest, annually for 21 years, &c., &c. In the Compendium, published in 1843, Mr. Warson was the first to recommend the system of a "division of small risks in several mines, ensuring success in the aggregate," and Moasrs. Warson and CUELL bave always a selected list on hand. Perhaps at no former period in the annals of mining has there been more peculiar need of honest and experienced advice in regard to mines and share dealing than there is at present; and, from the lengthened experience of Messrs. Warson and CUELL they are emboldened to offer, thus publicly, their best services to all connected with mines or the market, as they have for so many years done privately, through the medium of their own Circular.

Messrs. WATSON and CUELL transact business in the purchase and sale of mining

ircular.

7.5. WATSON and CUELL transact business in the purchase and sale of mining rate. WATSON and cuerties, payments of calls, receipt and transmission of dividends, and other securities, payments of calls, receipt and transmission of dividends, and information for clients, and affording advice, to the best of their knowledgement, based on the experience of more than 30 years active connection with

Market.
WATSON and CUELL also inform their clients and the public that they waTSON and republic funds, railway, docks, insurance, and every other designs in the public funds, railway, docks, insurance, and every other designs in the public funds.

Messrs. WATSON and CUELL also inform their clients and the public that they transact business in the public funds, railway, docks, insurance, and every other description of shares dealt in on the Stock Exchange.

Messrs. WATSON and CUELL are also daily asked their opinion of particular mines, as well as to recommend mines to invest or speculate in, and they give their advice and recommend mines to the best of their judgment and ability, founded on the best practical advice they can obtain from the mining districts, but they will not be held responsible, mor subject to blame, if results do not always equal the expectations they may have held out in a property so fluctuating as mining.

Messrs. WATSON and CUELL having agents and correspondents in all the mining districts, and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of mines and mining companies, and are enabled to supply shares in all the best mines at close market prices, free of all charges for commission.

"An Irish Shareholder" and "An Inquirer."—The same answer "An Irish Shareholder" and "An Inquirer."—The same answer will do for both. The 55t. call made on Foreign Lands is not required to be paid, but it was necessary to make it, no order that the fully paid-up or free shares (it in number) and the other \$4 should be on an equality before the distribution of assets. On the \$5 shares there is 145t, baid. Each loit shares is entitled to 40 fully said-up shares in \$6 shares there is 145t, baid. Each loit shares is entitled to 40 fully said-up shares would receive them upon the full amount paid—for instance, if 20 per cent. were declared on shares 1t. 10s. paid, the paid-up shares would receive 20 per cent. upon 5t, paid. In addition to these shares, 1-100th Foreign Lands will also have 150 B or royally shares, 5t, paid, worth at par 750t, making the nominal value of 1-100th on the division of assets 1030t. On receipt of these shares the holder of 1-100th will probably have to pay 10t, out of the 5th. call, and the holders of the 16 fees shares will have something to receive. A purchase of 1-100th, now at 800t. (145t, paid), appears a good one, but the ultimate value will entirely depend upon Chontales. Captain Paul, in his original report of the mines, estimated the annual profit at 234,000t, and his subsequent reports say that he will carry out all be promised. If this prove so, 1-100th foreign Lands would receive at least 700t, a-year. It should be understood that under the arrangement with Foreign Lands would receive at least 700t, a-year. It should be understood that under the arrangement with Foreign Lands now of the profits of Chontales can be spent on the mine, or formed into capital, but must be divided.

will carry out all he promised. If this prove so, 1-2001 rows and received at least 7001 a.year. It should be understood that under the arrangement with Foreign Lands none of the profits of Chontales can be spent on the mine, or formed into capital, but must be divided.

"X. X."—Our own opinion is, that many mines hopelessly struggling on ought to be stopped, and some that we have been connected with, and have lost large large sums of money by, would be stopped if we had our own way. With Wheal Pollard we have had no connection for a long time past, having relinquished our shares at a great loss to ourselves many months ago. No mine that we have ever been associated with has ever falled without our being among the heaviest losers, our principle has been never to recommend any mine without we had sufficient confidence to go into it deeply ourselves: and upon this principle we shall continue to act.

"A COUNTRY STREEMOLDER."—The underground operations at Wheal Granville are under the sole management of the agents, nor are tray interfered with in any way whatever by the committee. The general order given is that the mine shall be worked as vigorously and economically as gossible, but fairly and honestly. No doubt with 17,0004, worth of the laid open the mine could, by an unfair system of working, be made to pay large profits for a time, and then end in hitter disappointment, but when this system is adopted we shall restreton it. We have beld a large interest for 10 years; when shares rose to 104, each lessed of selling we bought more, and there are no shareholders in the mine more painfuly anxious than we are to have it properly worked, and to see it become a good and permanent property. And let us add we think it would be not only fairer, but more manly, if those who are disastified with its wond be not only fairer, but more manly, if those who are disastified with its management instead of writing to us, and also sending anonymous letters to the papers would come forward and openly state their grievances at the

UNFORTUNATE "-(Bath).-We are not surprised that our correspon "Unfortunate"—(Bath).—We are not surprised that our correspondent should have been advised not to touch mines, but to invest in "Joint-Stock Discounts" Even among people of respectability, unfortunately, such things as "Joint-Stock Discounts" have been encouraged and recommended, whilst bonest and legitimate mines have been encounded. The Stock Exchange, as a rule, do not like mines. They are in too small a way. The Joint-Stock Discount, we believe, started and was brought to life through the facilities of that institution about three years ago. It is in 60,000 abares of 25i. each, and, with 10i. pald-up, have been sold this week at 5s. There is a call of 2i. 10s, now das, and another of 5i. required. The position, therefore, seems to be tals—800,00 of. Lost to the shareholders, many of whom are nearly ruined, and are still itable for 1,120,000i. more. And this is the sort of thing that many people left mining to go into:

CHONTALES-"A. R."-The Chairman of this company is the Earl CHONTALES—"A. R.".—The Chairman of this company is the Earl Nelson, and there are others of high position, commercially as well as otherwise, on the direction. The brokers are Mesars. Sewell, of the Stock Exchange. From the commencement of the company there has never been the slightest attempt to rig the shares, and we fearlessly sasser there was never a better or more legitimate speculation on the market. Two of the directors—the Consal-General for Nicaragus, and Captain Bedford Pin, R.N., have both visited the mines on two cocasions, to satisfy themselves of their great value. For a long time past the public have been absorbing the shares. Your enrespondent should pay no regard to the scandalous rumours of the "bears." Unfortunately the Stock Exchange rules give these gentlemen 10 days to how! In before they can be made to deliver the shares they have sold, but never possessed.

MANAGEMENT OF MINES .- At the West Chiverton Mine meeting, the MANAGEMENT OF MINES.—At the West Chiverton Mine meeting, the Chairman and adventurers should more fully enquire into the particulars forming the costs of the mine, and he regretted that this daty was so much neglected. Again, that no one should be the anditor of his own accounts was the principle, and the only principle, which held good in the management of mines. In his early recollection (which it should be stated were days of successful mining) the mode adopted was just that indicated by Mr. Mundey—a resident manager, over whom was placed what was then termed a superintendent of inspector, whose duty it was to audit or examine the management of the enanager. He susually took the vice-chair, and gave an account of what was right and what was wrong at each public meeting. A resident manager, without an authorized inspector, means, in nine cases out of ten, a resident evil. It means management without control. But the evil in the present day, and the evil at West Chiverton, is found in the reversal of the business order of things, by putting the management on the shoulders of those who only occasionally visit the mine, instead of on those who are on the mine daily. He was quite sure that the losses and disappointments so frequently complained of had their seat in the violation of this common-sance audit. This principle once acknowledged and carried out, would invest the resident agent with a responsibility which, in the present mode, is never feit. What is wanted is resident onalbility which, in the present mode, is never feit. What is wanted is resident management, subject simply to occasional audit or inspection. This superintendence is, however, ruinous if it displaces the power, thought, energy, and responsibility of the person in daily charge.

GOLD HILL (NEVADA) MINERS AND MINES.—We give the following interesting items concerning the number of men employed in the mines at Gold Hill, and the amount of ore daily extracted:—The Bullion Mine employs at the present time 28 men in and about the mine; no ore to being taken out at this time. The Exchequer Mine employs 20 men; are extracting no ore yet. The Alpha Mine employs 30 men, and is taking out 75 tons of ore per day. The Imperial Mine employs 76 men, and is taking out 50 tons of ore per day. The Empire Mine employs 76 men, and is taking out 60 tons of ore per day. The Empire Mine employs 49 men, and is taking out 40 tons of ore per day. The Consolidated Mine employs 39 men, and is taking out 40 tons of ore per day. The Consolidated Mine employs 38 men, and is taking out 10 tons of ore per day. The Consolidated Mine employs 38 men, and is taking out 50 tons of ore per day. Condience Mine employs 41 men, who take out 55 ton in 24 hours. The Yellow Jacket Company, with a force of 180 men, holat out 175 tons daily; but a portion of the men are employed in the new works, and are not yet taking out ore. Eleven men are at work in the Kenteck Mine, taking out about 10 tons per day. Crown Point Mine brings to the surface daily 75 tons of ore, employing 75 men. In addition to these are several small mines—the Beacon, Bowers, Barks and Hamilton, and others—employing about 57 men, and taking out some hundred tons of ore daily. Thus the mines of Gold Hill—eaving out those at two first he mills—employ in the aggregate 717 men, extracting 590 tons of ore daily. At \$30 per to this amounts to \$23,500 per day, and \$855,000 every month.—The Eureka Mine, of Amador, which, we helieve here GOLD HILL (NEVADA) MINERS AND MINES .- We give the following

DEEP MINING .- The Eureka Mine, of Amador, which, we believe has, EP an INITIAL.—In the Educate Malley, or A mandor, which, we believe from its opening, continued to be the deepest mine in California, is now, and is still found to pay as well as at any point of leaser depth. We lead to the first in California, almost without exception, that after any coupth has been attained there is no depreciation in profit perceptible—the is id making op folly for the increased expense of working at a greater depth, do good, especially in Grass Valley.—Mining and Scientific Press (San Fran

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending March 4 was 10,1061, 14s, 8d,

L LEDR VALE SLATE AND SLAB QUARRY COMPANY (LIMITED). Capital £75,000, in 15,000 shares of £5 each.

First issue, 6000 shares, of which only 1500 are offered to the public, the remainder having been privately subscribed by a highly influential proprietary in Manchester.

Deposit £1 per share on application, and £1 on allotment.

First call six months after allotment.

This company is formed with the view to introducing the requisite capital for ex-enting the works of a large and valuable slate and slab quarry, situate at Tyn-y-Bryn, ear to Dolwyddelan, in Carnarvonshire. Five galleries are aiready formed, and the quarry is in full work, regularly shipping are quantities of slates.

large quantities of states.

The situation of the quarry is on the side of a mountain similar to the Penrhyn
Quarries, the rock being also of a like stratification and formation.

The veins lie under a peat-bed, and good slates are made within a very few feet of the

Quarries, the rock being also of a like stratification and formation.

The veins ite under a peat-bed, and good slates are made within a very few feet of the surface.

The property is held upon lease for the unexpired term of 30 years, at a small royalty, equivalent to 1-15th.

Several distinct veins are known to exist in the property, but the operations have bittered been confined to one blue vein, of 100 yards wide; and a green vein, nearly 70 yards, has been fally proved.

The quarry has been opened out on a large scale by Mr. Griffith Ellis, manager of the late Assheton Smith's quarries, at Llanberis, who, in his report, states:—"The quarry phase been opened out on a large scale by Mr. Griffith Ellis, manager of the late Assheton Smith's quarries, at Llanberis, who, in his report, states:—"The quarry phase promising and encouraging appearance. The telious and expensive opening out has been passed though, and I am of opinion that only a very short time, with vigorous working, will be necessary to bring the quarry to the paying point, and the profits will then be very large. The rock is admirably adapted for slabs of any size, and the outlay of a small amount of 'capital, in purchasing requisite machinery, will secure large returns from this sonree. This is undoubtedly a very valuable property, and, taking into consideration the present advanced state of the workings, the economy with which the rock may be extracted, the capabilities of extending the quarry, the quality of the slate, and the other advantages passessed, I am of opinion that the property will speedily be brought to a dividend-paying position, and that the undertaking will speedily be brought to a dividend-paying position, and that the undertaking will see also and desirable channel for the investment of capital."

In a private letter to an intending shareholder, Mr. Ellis writes:—"I have not the least doubt but that it will turn out a most valuable concern."

There is a good supply of water on the property, also a valuable plant of tramways, in

THE GREAT TREWOLLACK WHEAL ROSE
SILVER-LEAD MINING COMPANY (LIMITED).
Capital £19,200, in 6400 shares of £3 each.
£1 to be paid on application, and the remainder in such calls and at such intervals
as the company shall determine.

3200 shares have aiready bees taken and paid upon in full.
SECRETARY—Mr. J. F. WIICOX.

OFFICES.—17 MORGATE ATREET, LONDON, E.C.

OFFICES,-17, MOORGATE STREET, LONDON, E.C.

This company is formed for the purpose of purchasing and taking over and of working the valuable and extensive mining sett of Trewoliack, in the parish of St. Columb Minor, in the county of Corawail, which is situate to the north of the celebrated East Wheal Rose, on the course of the same lodes, and in the well-known district of Chiverton, now producing some of the greatest prizes in the mining market.

In 1864 the Trewoliack Mining Company was formed for contluding the works of the above mine, and considerable progress has since been made towards testing its value and the extection of the needful machinery, which is on the eve of completion.

Reports from numerous mining captains and others have been obtained as to the value and importance of the mine, and they all concur in opinion that the lode that has been struck is part of the famous East Wheal Rose lode.

A full prospectus and reports may be had on application to the Secretary.

CORNWALL GREAT CONSOLS COPPER MINE.

CORNWALL GREAT CONSOLS COPPER MINE, Divided into 6000 Shares, on the Cost-book System.

A copper lode of considerable magnitude has long been known to exist in the church-yard of the viliage of Caistock, Cornwall; but, until recently, all attempts to discover it outside the boundaries of the churchyard have been fruitiess.

The present adventurers have found the Great Churchyard lode in the lands adjoining. It proves to be a magnificent champion lode containing very rich ore.

An extensive set has been obtained from the Dake of Cornwall for a term of 20 years, from the 7th of August, 1864, at 1-15th dues, reducable to 1-18th.

This sett, besides the Churchyard Lode, contains six other lodes of known value, and extends one mile in length on the course of the lodes, and 600 tms. in breadth. Adjoining Oxel Tor and Devon and Cornwall Mines on the east, Caistock Consois on the west, and the Old Silmeford Mine on the north, and bounded by the village of Caistock and the River Tamar on the south, it occupies the richest unwrought ground in the district. and being within half a mile of Caistock Quay, where the ores of the district are shipped, it is most lavoursably situated as regards carriage and shipping charges.

The works on the mine, up to the end of 1865, have cost £7,500. All necessary offices and buildings are erected; an aith has been taken up from the River Tamar, and driven 250 fms., so as to inversect the Courchyard lode at a depth of 55 fms., and a shaft has been suak from surface to meet the addit. At the point of intersection it is certain that a very rich course of ore will be laid open. The men are even now working in the addt and yellow copper ore.

It will require ten months from January, 1866, to connect the adit and shaft, and the

It will require ten months from January, 1866, to connect the adit and shaft, and the

It will require ten months from January, 1866, to connect the adit and shaft, and the cost of this work, with that of ventitating the adit, carrying in a tram-road, and erecting a water-wheel, has been estimated at £1200.

To meet this cost 1000 shares will be allotted to applicants at £15s, per share. Persons destrous of joining the adventure may deposit 10s, per share, and undertake to pay the remaining 15s, by instalments of 2s, 6d., at intervals of one month after 25th March next to September 25, 1868, and no call will be made on them in the measurine. The funds provided by the allotment of these shares will be strictly applied to the development and expenses of the mine from January 1, 1866. The proprietors of such allotted shares will have the right of appointing one member of the committee of management.

anagement.

A plan of the mine and a copy of Capt. Key's report, made in August, 1865, accurate to the mine and a copy of Capt. Key's report, made in August, 1865, accurate to the mine the prospectus.

panies the prospectus.

Applications for shares, or for information respecting the mine, wust be made before the 26th of March, 1866, at the office of the secretary, T. Charles Gill, Tavistock Irozweks, Tavistock, Devon.

Since the preparation of this report the mine has been thoroughly inspected by Capt. Richards, principal agent of the Devon Great Consols, whose report, printed on a separate sheet, will be found to verify the statements above contained

Richards, principal agent of the Devon Great Consols, whose report, printed on a separate sheet, will be found to verify the statements above contained for the favorable of February, and now beg to hand you the following as my report:—I find an adit has been driven from the level of the Tamar River southward for 75 fms., and a lode intersected and driven on west 175 fms. The principal part of this drivage was done by a former party; and from the back of the level I think they must have raised a large quantity of copper ore, the lode being taken away for many fathoms in length in several places. The former party drove the end as far weat as the cross-course, and there they appeared to be at fault; but there is no doubt the lode has been heaved south, and they are now driving south on the cross-course, in order to cut the copper lode to the west of it. They are putting up a rise about 5 fms. east of the cross-course, which is now 4 fms. above the back of the level; and at this point they are cutting through the lode, which appears to be large, being now in 4 ft., and no south wall. The lode, as far as seen, is very kindly, and producing good atones of copper ore. And from what has been seen in the Calstock Consols, which is working on the same lode to the west, the agents are expecting to find a good lode on the south side of the capel, which they are now cutting through. At any rate, the lode, so far as seen, looks very promising to produce large quantities of ore from the back of the level upwards, and more especially so near the cross-course. There are about 60 fms. backs from the adit level to the surface; and, looking at the lode, and the beautiful list it is embedded in, I believe it a first-rate speculation to put up the rise 20 fms. and also that good bunches of ore are all but certain to be set with. About 50 fms. west of the cross-course, and also of the present adit level, a new engine-shaft has been sunk to the 20 fm. level perpendicular, but, in consequence of the heavy floods, has been suspended dar

NATIONAL PROVINCIAL BANK OF ENGLAND

OPENED for the TRANSACTION of BANKING BUSINESS in LONDON on OPENED for the TRANSACTION of BANKING BUSINESS in LONDON on the 10th January, 1866, at the head office, Bishopsate-street (corner of Threadneedle-street), and at the 8t. James's branch, 14, Waterloo-place, Pali-mail,

Bubarribed capital £2,10,000 0 0
Paid-up capital 1,089,000 0 0
Paid-up capital 1,089,000 0 0

the osual terms of London banks.

DEPOSITS at INTEREST are received of sums of £10 and upwards, for which religis are granted called deposit receipts, and interest is allowed according to the value money from time to time, as advertised by the Bank in the newspapers.

The AGENCY of COUNTRY and FOREIGN BANKS, whether joint-stock or pri-

sie, is undertaken.
PURCHASES and SALES are EFFECTED in all British and Foreign Stocks, and Ividends, Annulties, &c., received for customers.
CIRCULAR NOTES for the use of Travellers on the Continent will be issued as soon arrangements can be made.

arrangements can be made.

The OFFICERS of the BANK are bound to secrecy as regards the transactions of The OFFICERS OF the BANK are bounded as the Bank Lists of Shareits customers.

COPIES of the THIRTY-SECOND ANNUAL REPORT of the Bank Lists of Shareholders, Branchess, Agents, and Correspondents, may be had on application at the head
office, and at St. James's branch.

By order of the Directors.

A. ROBERTSON Joint General
E. ATKINSON J Managers.

Notices to Correspondents.

* Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly stled on recoipt: it then forms an accumulating useful work of reference.

WHEAL GRENVILLE.—I fully expected to have seen a detailed report of the meeting of shareholders in last week's Journal, and must say I am much disappointed at me finding it even mentioned. After the interest which has been excited, by letters say by adverse statements, I consider the committee have acted most unwisely in high having the fullest particulars published in the Journal.—Shareholder.

Hare Dealino.—We never interfere in the sale or purchase of shares; neither do we recommend any particular mine for investment or speculation, or broker through whem business should be transacted. The addresses of most of the latterr appear; our advertising columns.

Received.—D. Morgan.—H. Dennis.—"One who Knows..."G. D.".—"R. Q."

a A pressure on our space compels us to postpone several matters intended for week's Journal, among them the conclusion of the paper on State Quarries, and Management; Spain and Chill, No. III.; Commercial Prospects in Ireland, &cc.

THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, MARCH 10, 1866.

THE COAL TRADE OF FOREIGN COUNTRIES-No. IV.

The report of Mr. BURNLEY on the Coal Trade of the UNITED STATES The report of Mr. BURNLEY on the Coal Trade of the UNITED STATES is a very elaborate and interesting one, the Treasury Department having courteously supplied him with every possible assistance. The whole extent of the coal area of the United States has been usually divided into four principal coal fields or tracts. The first is the Great Central Alleger of the Coal States has been usually divided into four principal coal fields or tracts. The first is the Great Central Alleger from Tuesquosas in Alabaratics and the Coal States has been usually divided into the Coal St four principal coal fields or tracts. The first is the Great Central. Alleghanian, or Appalachian coal field, extending from Tuscaloosa, in Alabama, through Eastern Tennessee and Kentucky, Western Virginia, Maryland, Ohio, and Pennsylvania, and re-appearing in New Brunswick and Nora Scotia. This field has been computed to cover, within the United States, an area of 50,000 to 60,000 square miles, of which about 40,000 square miles, or 25,600,000 acres, are considered workable area. It is sub-divided into eight minor divisions, productive of bituminous coal. The second coal field occupies the greater part of Illinois and Indiana, and, in extens, is nearly equal to the first. A third field covers a large portion of Missouri, and the four the greater part of the State of Michigan. The Chesterfield bituminous coal field, a detached district of small area, near Richmond, Virginia, contains the oldest worked collieries in America, and for many years furnished the only supply of coal for the seaboard towns. The greater part of the area of workable coal in the bituminous coal fields above mentioned remains as yet undeveloped. The detached basins of anthra-

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many years turnished the only supply of coal for the seaboard towns. The greater part of the area of workable coal in the bituminous coal fields above mentioned remains as yet undeveloped. The detached basins of anthracite coal in Pennsylvania, which form one of the most interesting of this great coal-producing territory, though limited in aggregate area as yet, produced more than all the others put together.

In the last official report of foreign and domestic commerce it is stated that coal has been discovered in Colorado territory. Prof. Hodde, who visited the vicinity of Denver City, saw coal beds which presented a thickness of 5 ft. 10 in. of pure coal, with no mixture of slate, and thus describes its appearance and quality. The coal is of a brilliant jet black, and is easily mined in large lumps, which appear to be firm and sound, but are said to crumble after exposure for a few weeks to the air. It contains but little bitumen, burning with little smoke, no unpleasant odon, and a yellow flame. It does not smelt or coke, and, however high the draught, produces no clinker. Another coal bed for the supply of the Denver market is in the hills along South Boulder Creek, only 24 miles from the base of the Rocky Mountains. This locality affords an abundance of iron ores, and has been selected for the establishment of the first blast-furnace erected in the territory, which went into operation in March. blast-furnace erected in the territory, which went into operation in March, 1864. The principal coal bed is opened a few rods south-east from the furnace, and has been worked 100 ft. down a slope of about 10° from the horizontal towards the east. The bed is 12 ft. thick, almost uniform in quality, with no intermixture of slate, and presents a beautiful appearance in the brilliant lustre of the coal. These specimens have been submitted to Prof. John Terry, who, after analysis, describes them as belonging to the class of liguites, not technically a bituminous coal, neither cannel no an anthracite. In calorific power the Rocky Mountain coal may be placed between dry wood and bituminous coal, and may be used for the smelting of iron and other ores. The coal burns freely in a small stove, making a hot and clear fire, and leaving no clinkers. The specimens that were examined had a tendency to break up and crumble after being soaked and allowed to dry, hence the necessity for protection from moisture.

allowed to dry, hence the necessity for protection from moisture.

Mr. Burnlex then furnishes some particulars from Taylor's "Statistics of Coal," and other sources, with which the readers of the Mining Journal are familiar; but it may be well to refer to an interesting report on the coal fields of the world, submitted to the American Legislature, by Mr. WILLIAM B. TAYLOR, in which it is remarked that mineral coal is widely distributed over the world, the most extensive deposits known being in the United States, where there are four great areas. One compresses

States of the Union were—In Georgia, 95,000 square acres; Maryland, 322,000; bams, 2,136,000; Tennessee, 2,722,000; Michigan, 3,220,000; Missouri, 3,840,000; dana, 4,928,000; Ohio,7,616,000; Kentucky, 8,640,000; Pennsylvania, 9,879,600; ginia, 13,564,800; and in Illinois, 28,160,000 square acres=85,204,480. Mr. Ta states that the quantity of anthracite coal sent to market from Pennsylvania in was 9,420,135 tons; its evaporative efficiency being equal to 16,000,000 cords of w to produce which would require the clearing of 160,000 acres of timbered land.

English Coal in France.—The exports of English coal to France amounted, in December, to 166,771 tons, as compared with 135,801 tons in December, 1864, and 106,351 tons in December, 1863. The total shipments of British coal to France in 1865 amounted to 1,609 453 tons. against 1,447,494 tons in 1864, 1,306,255 tons in 1863, 1,443,115 tons in 1862, 1,452,208 tons in 1864, 1,352,062 tons in 1860, and 1,392,009 tons in 1859. It will be remembered that two or three years since a great sit was made against English coal in France; and, as a proof that an attempt was made to get rid of it altogether, we may recal the fact that its use was discontinued in the Imperial Navy. In consequence, however, of the still inadequate indigenous coal production of France, and the greatly increased industrial consumption of that Empire, it will be seen that in 1865 we sent more coal to France than in any former year. The value of coal exported to France last year was computed at 731,598L, a 623,139L in 1864, 543,738L in 1863, 611,942L in 1862, 617,891L in The value of the 023,1394 in 1864, 543,7384 in 1863, 611,9424 in 1862, 617,8914 in 1861, 564,2434 in 1860, and 615,2324 in 1859. It may be interesting to add that in 1855 the quantity of English coal sent to France was 881,339 tons; in 1850, 602,410 tons; in 1845, 565,749 tons; in 1840, 380,774 tons; in 1835, 98,159 tons; in 1830, 51,129 tons; in 1825, 26,684 tons; in 1826, 25,119 tons; and in 1815, 22,432 tons. The demand for English coal in France has thus displayed, upon the whole, an incessant progress, while during the last 20 years it has been multiplied nearly threefold. The increase in the receipts of English coal in France in 1825, as compared with 1815, was 4252 tons; in 1835, as compared with 1825, 71,475 tons; in 1845, as compared with 1835, 467,590 tons; in 1855, as compared with 1845, 315,590 tons; and in 1865, as compared with 1855, 728,114 tons. The largest increase was thus established during the last 10 years.

EXTENSION OF COAL MINING IN SWEDEN.

In alluding to the Coal Trade of Foreign Countries, in last week's Mining Journal, it was mentioned that Mr. AUDLEY GOSLING had stated in his report to EARL RUSSELL, as one of Her MAJESTY'S Secretaries of Legation of the coal had recently hear discovered about six English. Journal, it was mentioned that Mr. AUDLEY GOBLING has stated in his report to EARL RUSSELL, as one of Her Majerty's Secretaries of Legation, that coal had recently been discovered about six English miles east of Landskrona, and we are now enabled to give from other sources the details of the discovery referred to. It appears that the Landskrona coal has been thoroughly tested on the Landskrona-Helsingborg Railway, and that, upon the whole, the results obtained have been highly satisfactory: the coal is rather tender, and contains more ashes than good English coal (though these are not great inconveniences on the short lines on which they are used), but, on the other hand, it is free from sulphur, and, therefore, well adapted for iron smelting, and does not form clinker. The coal in question is found at Wram, Bosarp, and Wallakra, in the hundreds of Luggude and Ronneberg, and department of Malmohus; and the several discoveries have been carefully examined by the superintendent of the State rail-ways, Mr. N. F. FRYKHOLM, K.W., K.D., &c., as well as by Prof. Blomstrand, of the University of Lund; Mr. G. Gustatsson, the Government surveyor-in-chief of the department; and Mr. STURNECK, the traffic manager of the Landskrona-Helsingborg Railways, who have just prepared a joint report upon the coal fields of the most interesting character. The coals, which are from the lias formation, have been found on analysis to contain 18 per cent. of water and 6 per cent. of ashes.

ways, and the University of Lund; Mr. G. Gurransson, the Governmentanteryor-in-chief of the department; and Mr. Strunkson, the trafficmentager of the Landskrona-Helsingborg Railways, who have just premade joint report upon the leas formation, have been found on analysis
to contain 18 per cent, of water and 64 per cent, of ashes.

With regard to Whax, it seems that at the beginning of last year there
was but one opening, at Sonrerbusen, of about 20 feet depth, where coal
was seen in considerable magnitude, but it was not then possible to form
an opinion of the extent of the stratum. At present several levels have
been driven, and another shaft been sunk for raising the coals, at a distance of about 150 feet north from the old opening. This shaft, 51 feet
deep, passes for 38 feet through firm sandstone, in which was observed,
at varying distances, three parallel layers of particularly hard iron-clayat varying distances, three parallel layers of particularly hard iron-claythe coal seam, which dips somewhat abruptly near the old opening, continues with a gentle slope from the main shaft in a north-north-westerly
direction, having both underneath and above layers of sandstone, which
form a secure roof for the levels. The thickness of the seam was at the
shaft 25 int, in the level towards the north, at about 30 ft. from the shaft,
and it is not a level running for a
distance of about 180 ft. in a westerly direction from the shaft, the thickness of the seam
was in some place 283 ft., in other 215 ft. in, until this disparent with a slight treat,
but responded again as has thus generally, where dislocations do not court, the, for
severa, mustan and the season of the seam was the disparent of the season running uniterruptedly and with the same thickness of the season running uniterruptedly and with the same thickness in the direction of the season running uniterruptedly and with the same thickness of the sea of the season running uniterruptedly and with the same thickness of the sea is shown that the seaso

A second very important discovery of coal has been made in the eastern island of that valuable British possession, the Falkland Isles. The coal seems to be different from that found by Mr. Ramsay Cooke, R.N., in 1863, being highly bituminous, and, judging from a surface specimen shown to us, promises to be an excellent flaming coal for steamers. These discoveries have very great importance in consideration of the advantageous situation of those fine islands as a naval and coaling station for steamers to and from the Pacific.

SORTING COALS AND ORES WITH AIR .- Some improvements in the ood of drying and sorting coals, peat, and mineral ores, a paratus used in the process, have been provisionally specified by Mr. F. H. Warlich, of Greenwich. He takes the small and duff coals or slack as they come from the pit, and shoots them into a circular chamber built of brick or constructed of iron. This chamber is surrounded by flues, and is brick or constructed of iron. This chamber is surrounded by flues, and is heated by a furnace or furnaces placed beneath. The interior of this chamber is provided with a spindle, or shaft or shaft fitted with arms or knives similar to those of a pug-mill, which revolve among the coals, causing them whilst undergoing the process of drying to be continually stirred up, and equally acted upon by the heat of the chamber. After this process has been conducted, until the coals are thoroughly dry, they are led out through an opaning in the bottom of the chamber into trucks placed below to receive them, or they may he caused at once to descend into the hopper of the sorting apparatus (if this apparatus should be built undernath), where they descend on to a wheel fitted with paddies or fans, which revolves with great velocity at one and of an analosed chamber, and throws the coal towards the other end. By this operation the dried coals are sorted according to their different sizes, and fall through openings into tracks placed beneath to receive them. If the coals are sufficiently dry when they come from the pit, they may be sorted by the above apparatus without undergoing the promess of drying. To remove the extraneous matters, such as iron pyrites, stone, slate, or shale, from small and duff coals or slack are first thoroughly dried, and it is preferred should be then subjected to the process of sorting as above described. Each size of dried coals is then taken and shot into a hopper, and descends into a chamber, where it falls on to a wheel fitted with paddies or fans revolving with great velocity, and is thrown towards the other end of this chamber, where the coals and their extraneous matters fall on to perforated or reticulate trays, and are acted upon from below by a strong current of air, which, rushing through the perforations, drives the coals from tray to tray, until they ultimately fall in a clean state through an opening in the bottom of the furthest end of the chamber where the coals

THE GOLD AND SILVER MINES OF COLORADA, NEVADA, &c

THE GOLD AND SILVER MINES OF COLORADA, NEVADA, &c. In 1859 gold was discovered at the base of the Rocky Mountains, in the bed of the streams which take their rise in the portion of the country now known as CENTRAL CITY and BLACK HAWK. Colorado adventurers, flocking to the country, penetrated the hitherto unvisited (by white men) region, and traced the source of this gold to the lodes or veins at the head of these streams. Ascending the valleys, it soon became evident that only the finer particles of gold had been carried off by the current, to be deposited where it was least swift. Extensive beds of sand and gravel were found to exist at the head of the streams, and to yield vast amounts of gold. As these were worked to the bed rock of the streams, it was found the gold-paying material was confined to fissures in the earth, varying in found to exist at the head of the streams, and to yield vast amounts of gold. As these were worked to the bed rock of the streams, it was found the gold-paying material was confined to fissures in the earth, varying in width from a few inches to 5 or 6 ft. These fissures or lodes were traced up the sides of the adjacent hills, and found to contain earth and quartz rock, varying in richness, but highly remunerative to the operatives. Explorations to points more distant from the streams led to the discoveries of numereus other lodes, in many cases far more valuable than those first found. In order to regulate the rights of the discoverers of veins—now claiming the ownership—Miners' Laws were established by themselves, the binding effects of which were respected by the community, confirmed by Territorial Legislation, and recognised in the Courts and by the Government of the United States. The rights thus acquired in property became fixed and transferable, as any other property. These veins were discovered at intervals of 50 to 300 yards apart, generally parallel, and running in a north-east and south west direction, and not unfrequently to a distance of 3000 ft. Offices for the recording of claims were designated and located in MINING DISTRICTS, the boundaries of which are dividing ridges between valleys. Thus the whole country is cut up into Gregory, Enterprise, Central City, Newada, Russell, and a vast number of other districts in different parts of the country. Since the first discoveries, gold diggings in streams, and on the sides of mountains, and numerous lodes of variable richness have been found on the head waters of all the branches of the South Platte River, from Boulder Creek south, the most noted districts height on parts and south verse of the head waters of the the set waters of the country and south the head waters of the the set waters of the country of the country of the part of the country of the part of the country of the

of variable richness have been found on the head waters of all the branches of the South Platte River, from Boulder Creek south, the most noted districts being on north and south Clear Creek, and at the head waters of the Platte River, near Fairplay, Buckskin Joe, Montgomery, Sterling City, &c., all thriving mining villages.

At variable depths below the surface of the earth miners struck what was termed "cap rock," in which the vein narrowed and the gold-bearing material changed to pyrites of iron and copper. The veins soon opened out and assumed a permanency. Though the amount of gold in this ore increased, difficulties were encountered in securing it by the ordinary stamp mill, some ores being more refractory than others. In many cases they were not remunerative, and the owners without capital abandoned stamp mill, some ores being more refractory than others. In many cases they were not remunerative, and the owners without capital abandoned them temporarily. In many cases, however, where the ore was easy to work, and the mills were placed on the mine, so as to work mine and mill by the same power, and so save transportation and frequent handling, the mines have been continually worked, have enriched their original owners, and are compensating the present workers. Those lodes which paid well on the surface are proving the best in the rock, both here and in other countries.

mines have been continually worked, have enriched their original owners, and are compensating the present workers. Those lodes which paid well on the surface are proving the best in the rock, both here and in other countries.

Many of these mines have been sunk as deep as 450 ft., the veins proving permanent, wider, and of more uniform gold and silver-bearing material. Owing to the absence of sufficient currency for a long time, payment was made in the gold dust of the country, which, by negligent cleaning, and sometimes fraud, varied much in value. The price of skilled labour was as high as \$2 per day. During the continuance of the war the price of food, clothing, and mining material increased rapidly; paper currency or Greenbacks took the place of gold, and labour rose to \$4, and sometimes \$7, per day for skilled mechanics. As gold was foren 150 premium, a day's labour in gold was \$1.60 to \$2.75. A day's labour is now paid, in paper, \$4.00 to \$6.00, a superior machinist or head carpenter sometimes receiving \$7 to \$8.00 The currency of the country is not gold coin, as in California. The increase in prices of essentials to life and progress to the mines arose during the war, and was due to increased value in all articles in the States east of Colorado, and the diminished amount of transportation available for supplies from the Missouri River, it having been absorbed by the army. A heavy drain of men for the army checked, and often destroyed, the agricultural development of the country. The companies at work in Colorado were generally organised when labour and material were cheap, and when a small working capital was required. The prices of machinery, mining material, labour, and transportation suddenly rose, and crippled many of these companies before they were well in progress. Again, many were organised through ignorance on small pieces of property, such as 100 or 200 feet on the same vein, so that, though owning a large amount of vein material, it was so scattered that separate machinery was required for eac

of the "LEVONS" process, the stock of mining companies has risen in value from 50 to 300 per cent.:—

CLODADO GOLD.—We recently asked anyone who happened to know anything as to the reduction of the intractable sulphurets of Colorado by any of the numerous processes recently patented, to give us the facts and we would print them. We are answered by Mr. John Wetherbee, No. 11, Phosnic-buildings, Boston, who says he has recently returned from the Rocky Mountains, and has no interest in that whereof he affirms (for which we care not one button), and who makes the following statement:—Mr. Cobb, of the Monitor Company, who left Colorado on Jan. 22, says the Crosby and Thompson machine is now running perfectly. He obtains \$60 a ton from Canton lode ore, which does not pay \$6 in the old way. He obtains \$60 a ton from Canton lode ore, which does not pay \$5 in the old way. He has experimented on lodes with still better success. He speaks particularly of Pewable and Harsh lodes, and says the last 70 tons run by the former paid \$4 a ton only. He took the tailings from that 70 tons, and obtaines \$150 per ton continuously. Seeing a report just out, of the Excelsior Company, giving the detail of its operations to success, let me make an extract or two in further answer to your pertinent question. The agent, under date of Jan. 18, asys—"We starded up this moraing, and the process exceeds our most sanguine expectations in capacity and quality of work. We can manipulate (sily two cords a day." The agent of Cook Company writes, Jan. 2!—"They are putting through fully 20 tons a day, and there is no longer any doubt that this is the best property in the country." Robert Teats, an old miner, and A. B. Crosby, also write, under dates of 25th and 29th, in a similar or stronger manner. Thank you, Mr. Wetherbee. We do not happen to recoilect Messrs. Crosby and Thompson, if we ever before heard of them; but we heartily congratulate them on their prospect, and hait the above as insuring the early completion of the Pactice Railrond to Denv

The "Crossy and Thompson" process, referred to above by Mr. Cobb, The "Crossy and Homeson process, retered to above by an econo-is in principle that of Keith's, but varying in practice, so as to give a more perfect oxidation of the ores. It is a reverberatory furnace, in which inclined revolving cylinders stir the ore, and deposit it ready for amalga-mation. The process has attained superior results, and if always successful will prove the most economical.

will prove the most economical.

The Excelsior Company is also using an ordinary reverbatory furnace, varying but little from the one described in URE's Dictionary for roasting copper ores. Kustch's work on gold and silver mining fully describes it, and the pans used in connection.

The Cook Company is manipulating by means of the "Bartola" pro-cess, said to have been practised in Italy. The principle of action is to destroy the material which prevents amalgamation, by passing through it pyroligneous acid, generated by steam, injected through fine-cut chips of beech or oak wood. Unusual success and the greatest economy have for some time been claimed for it. pyroligneous acid, generated been claimed for it.

some time been claimed for it.

The Lyons process consists in finely crushing the pyritic ores, and by means of a "buddler" concentrating all the valuable ore, while the inferior material is washed away. The concentrated ore is roasted in a reverberatory furnace, after which it is placed in a smelting-furnace, with the necessary fluxes, of which lead is the most important, and scraps of iron. When in a proper fluid state the molten lead is drawn off from the

Impurities remaining on account of their weight behind in the trays. The process of sorting and cleaning peat may be performed by the same apparatus, but it must be first in a dry and divided state.

By cupelling, the gold and silver. By cupelling, the gold and silver are left mixed in a solid mass, and sent to the Mint for separation. This process is an assay on a very large scale, and is claimed to be most profitable.

ach labour, time, money, and mind have been spent to attain a success that some good must result, and if success is economically accom-plished, a vast number of gold mines will spring into life which otherwise would continue idle, as in years past.

THE TRANSMUTATIONS OF METALS.—The alleged discovery of the grand THE TRANSMUTATIONS OF METALS.—The alleged discovery of the grand rêve of alchemists of olden times—the PHILOSOPHER'SSTONE—whereby silver, mercury, and copper can be transformed into gold, has been just announced, in a memoir entitled "The Transmutations of Metals, presented to the Academy of Sciences," by MM. HENRI FAVEE, doctor of medicine, chief editor of La France Medicale, and JUSTE FRANTZ, metallurgist; and on the evening of the 17th ult. M. FAVEE delivered a most interesting lecture on this subject to—as may have been expected—a densely crowded andience. The following is a resumé of their doctrines:—Hitherto the science of chemistry has been founded upon two terms essentially distinct—extraction and combination. Analysis represents the first, and synthesis the latter. Now, to these two terms we must add a third—transmutation, always suspected to exist, but never proved. To do this it must be understood that all bodies in Nature owe their respective properties solely to the fixations of forces passing momentarily to a do this it must be understood that all bodies in Nature owe their respective properties solely to the fixations of forces passing momentarily to a static state, but always "evolutive" in a disposable field of action. These substances are then all produced by the action of one original and common principle brought into action. Their transmutation is effected by condensation, or by the displacement of the forces which hold them for the moment in equilibrio. It is an exchange between the dynamo-statical properties of each metal and the dynamo-tensional efforts exerted by the agent employed; and, since the metals, simple in their chemical order, are compound in their dynamo-static state, it follows that the transmutation of metals can always take place, provided they are in media, in which the suitable elementary conditions will exist to effect the different changes. Such are the principles on which depend the operations of metallic transmutation. of metals can always take place, provided they are in media, in which the suitable elementary conditions will exist toeffect the different changes. Such are the principles on which depend the operations of metallic transmutation. They have their laws. The first is that of solutions. It is on the difference of solubility of the metals that all the secret of transmutation emperically depends. The decisive experiments by which the authors of this discovery demonstrate the transmutation of silver into gold, show that it depends on two distinct operations—the first is to change the state of the silver, producing another substance which is not yet gold; the second consists in bringing the condition of this new undetermined substance to the state of pure gold. The process is thus described:—A certain quantity of chlorhydrate of ammonia is dissolved in liquid ammonia: this salt should be reduced to a fine powder. If the solution be turbid it is to be filtered; chloride of silver, perfectly white and humid, is then added, and the bottle well shaken up. The chloride of silver is dissolved, the solution becomes yellow, and deposits a precipitate of the same colour, which must be collected most carefully. The characters of this powder are—1. When introduced into aqua regia it is completely dissolved, and a new addition of ammonia precipitates it.—2. It is not fulminating.—3. Lastly, it farnishes gold by the galvanic pile—that is to say, when placed between the two poles of one of Bunsan's elements. Here is produced the most remarkable phenomenon—a transformation and a separation simultaneously. The ammonia is the dissolvent of the chloride of silver, and at the same time the reactive of the metal transformed by the chlorine. the reactive of the metal transformed by the chlorine.

the reactive of the metal transformed by the chlorine.

Manganese Alloys.—Reference was some time since made in the Mining Journal to the improvements in the preparation of alloys of manganese with iron or copper, invented by Mr. E. O. Prieger, and it appears that the process has been established on a commercial scale in Germany. To prepare ferro-manganese, Mr. Prieger made a mixture of paiverised oxide of manganese, charcongless of the oxide), and of metallic iron sufficiently broken up, such as minute grains of cast-tron filings or steel, &c. tallic iron sufficiently broken up, such as minute grains of cast-tron filings or steel, &c. tallic iron sufficiently broken up, such as minute grains of cast-tron filings or steel, &c. tallic iron sufficiently broken up, such as minute grains of cast-tron filings or steel, &c. and covered with a coating of charconi dust, sea sait, &c., and heated for a few hours at a white heat. After cooling there was at the bottom of the cracible a metallic homogeneous mass, containing but very insignificant quantities of foreign bodies. Of these alloys the most important are those containing two equivalents of manganes to one of iron, and corresponding to 63 p-r cent. and 79 7 per cent, of manganese. Both are harder than tempered steel; they are capable of receiving a very high polish; they meit at red heat, and can be easily poured; they do not oxidise in the air, and even in water only superficially; their white colour las of a shade between steel and silver. Alloys of copper and manganese are much barder and more durable. Alloys of the are very fusible, durable, and easy to work; in colour and brilliancy they may be compared to silver. The iron and manganese alloy furnishes a simple means of adding to iron or steel a given amount of manganese, the diddition of from 1-10 to 5 per cent. very satisfactory results are obtained.

Grand International Horticultural Exhibition and Bollande.

GRAND INTERNATIONAL HORTICULTURAL EXHIBITION AND BOTANICAL GRAND INTERNATIONAL HORTICULTURAL EXHIBITION AND BOTANICAL CONGRESS.—We understand that the prospects of this Congress, to be held at South Kensington in May next, are most encouraging. The ground to be occupied by the show, which is a portion of the site of the Exhibition of 1862, is already under preparation for the erection of the monater tent; and, according to the plans which have been adopted, the interior arrangements will be made most effective. The compilmentary banquet to the learned foreigners who are invited to take part in the proceedings, or to attend as delegates from foreign Governments, and which, thanks to the City Corporation, is to be held in the Guildhail, is drawing in as subscribers to the fund many who are anxious to do homage to the distinguished visitors who will homour the occasion with their presence; while the Batanical Congress, which is to be under the presidency of M. de Caudille, is assuming from day to day a more practical shape. Several eminent botanists, both at home and abroad, have aiready joined in working it out to a successful issue. The meetings of the Congress are to be held in the Raphael Cartion Room, at South Kensington, by permission of the Committee of Conneil on Education. This great horticultural movement, it should be remembered, is wholly of an independent character, and it must be a source of great gratification to the friends of scientific horticulture in this country that it has attracted so large an amount of voluntary pecuniary support, without which, indeed, it would not have been attempted. The expenses, however, will be heavy in proportion to the magnitude of the undertaking, and we learn officially that further ald is necessary to secure that the combined Exhibition and Congress be carried out in a spirited manner, which is highly desirable, having reference to their international character.

The London Association of Foremen Engineers.—The monthly meeting of members took place on Saturday, at its rooms, Doctors' Commons, City. The chair was occupied by Mr. Joseph Newton, president, and the subjects discussed were of interest, public as well as professional. A paper on the "Smelting of Iron," was read by Mr. J. M. Oubridge, and it was listened to with marked and critical attention. The author traced the art from the earliest periods of human history, and rendered his explanations yet more lucid by making diagrams as he proceeded. Primitive and modern methods of smelting were thus illustrated, and much useful information was the result. A vote of thanks was given to Mr. Oubridge at the conclusion of his paper, the discussion upon which was adjourned, in consequence of the lateness of the hour, and the anxiety of several members to share in it. Many new members, ordinary and honorary, were elected on this occasion, and notably among the latter class were Mr. S. Worssam, the well-known engineer of King's-road, Chelsea, and Mr. John Timme, manager at Messrs. Maudslay, Sons, and Fields. It was stated that forty-four members had been elected during the past twelve months, that the total number on the books of the society at present was 145, and that the funds were steadily increasing. Apparently, the time is approaching when the association will require an independent hall and library, and there can be no doubt that employers, as well as foremen, have an interest in obtaining that desideratum.

The Institution of Civil Engineers.—At the meeting of members THE LONDON ASSOCIATION OF FOREMEN ENGINEERS .- The monthly

as well as foremen, have an interest in obtaining that desideratum.

THE INSTITUTION OF CIVIL ENGINEERS.—At the meeting of members on Tuesday,—Mr. John Fowler, President, in the chair—twenty-five candidates were elected, including four members—Mr. Hugh Carille, resident district engineer on the Dunaburg-Vitepak Railway; Mr. Edward Read Noison Druce, resident engineer of the Harbour of Refuge Works, Dover, Mr. Richard Hassard, Westminster; and Mr. Robert Morgan, Local Government Act Office; and twenty-one Associates—Mr. Henry Anderson, Messrs, Penn's factory, Greenwich; Mr. Carles Ormsby Burge, Westminster; Mr. Edward Charles Crackneil, superintendent of telegraphs in New South Wales; Mr. William Dempsey, Westchinster; Mr. Hamilton Edward Harwood, Westminster; Mr. David Marr Henderson, Messrs. Chance's Lighthouse Department, Birmingham; Mr. Graham Hewett Hills marine surveyor, Liverpool; Mr. George Knowies, Westminster; Mr. John Lesn, resident engineer of the Vale of Neath Railway; Mr. James Mr. Graham Hawett Hills marine surveyor, Liverpool; Mr. George Knowles, Westminster; Mr. John Isan, resident engineer of the Vale of Neath Railway; Mr. James Campbell Ledger, Westminster; Mr. George Leemar, M.P., deputy-chairman of the North-Eastern Railway Company; Mr. Samuel Henry Loutti, secretary of Hamilton's Windsor Ironworks Company; Mr. Emile Martin, Adelphi; Mr. Edward Adolphus Fanwick Mayer, late engineer and secretary to the Municipal Commissioners of Darjeeling; Mr. Henry Oakiey, secretary to the Great Northern Railway Company; Mr. John Robinson, Bombay; Mr. Thomas Harrison Seacome, Kensington; Mr. George Thornton, acting provincial engineer and inspector of roads for the Province of Canterbury, N.Z.; Mr. George Careless Trawby, superintendent of the Westminster Station of the Chartered Gas Company; Mr. William Vawdrey, resident engineer of the South Staffordshire Waterworks; and Mr. Henry William Wickes, Bromley.

PREVENTION OF STEAM-BOILER EXPLOSIONS.—A series of interesting and important experiments in connection with steam-boilers has been made by Mr. Norman Wiard, of New York. He inserted a number of thermometers into a boiler (which subsequently exploded) for the purpose of ascertaining the differences of temperature, if any existed, in the interior of the boiler. He found—Below the water-line, 276°; in the ateam, from 39° to 500°, 12 in. above the rupture, 500°; 12 in. below the rupture, 269°. The surface of the water in the boiler oscillated (the boilers were in use in the steamer St. John) up and down 6 in., alternately heating the plate by exposure to the hot steam at 500°, and cooling it by contact with the water at 269°. It appears that the experiments have aiready created a great sensation among boiler-makers and engineers, and a large number of well-known mechanics have examined the experiment for themselves, and expressed their surprise at the discovery, it being considered that the certain effect of the sudden change of 231° constantly occurring must be to permanently weaken, by repeated expansion and contraction, the plates of the boiler. These results are exactly opposed to those stated by Mr. Charles Wye Williams, who concluded, from experiments made at a low range of PREVENTION OF STEAM-BOILER EXPLOSIONS .- A series of interesting

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temperature, that after both the steam and water had reached 212° temperature, there was thenceforward no perceptible variation of heat between the steam and water areas in the bolier. He states that when both thermometers indicated a temperature of 218°, they would both fall simultaneously to 212° on the steam being allowed to escape.

REPORT FROM SCOTLAND.

GLASGOW, MARCH 7.—The Liverpool junto continue their surveillance of the Pig-Iron market, and with their associates here are playing such a game as is not only injuring the trade of the district, but is affecting the trade of the country. How long their game is to last before it is played out no one can know, and having invested a large sum in "warrants," they seem loth to give it up. It will not be easy to chronicle the full effects of what is being done now, but they will bring want to many a home, if the lock matters are in just now be not shortly modified.

Bar-Iron does not improve with the high price of pigs, and second-class makers are feeling the pressure intensely. Their shipping orders are being taken out of their very hands, and given to houses in England and Wales, who can supply the specifications cheaper. First-class brands are still unchanged in price, and quoted at the rates current before speculation

Wales, who can supply the specifications cheaper. First-class brands are still unchanged in price, and quoted at the rates current before speculation took possession of the market: of course, they are full of orders. Ironfounders complain of the injury they are sustaining, and are curtailing production. The first-class price for bars is 8L; second. 7L 17s. 6d.; nailrods, 8L, 5s. to 8L 10s.; rails, 7L 15s. to 8L; plates, 9L to 11L.

The shipments of Pig-Iron from the Scotch ports for last week were 7506 tons against 9279 tons last year: total this year, 81,312 tons; decrease, 14 320 tons. The market has been very strong during the past week, and prices have advanced since our last report about 4s. per ton. To-day a few transactions were done at 77s. 7½d. and 77s. 6d. cash, and 78s. 3d. one month.

78s. 3d. one month.

Our Coal Trade is active, but by no means satisfactory, as many of our pits will be rendered unworkable by the high wages demanded by the colliers, who are being goaded on in ignorance by a few well-paid emissaries. The exports of the week to date are large, being 31,680 tons, which is an increase over the last year of the difference between those figures and 28,625 tons. On Monday next an advance of 1s. per ton is to be made on coal, on account of the searcity of the article caused by the to be made on coal, on account of the scarcity of the article, caused by the colliers playing out so systematically. New pits are to be sunk at Haywood Colliery, near Wilsontown, and at Redhouse, near Bathgate.

The secretary of the Miners' Association, with the assistance of a few

The secretary of the Miners' Association, with the assistance of a few malcontents from the works on strike in other districts, has been most active during the last two weeks in endeavouring to rouse the great mining district around Coateridge to strike. The cool, if not indifferent, way the miners have received all their pokings up is quite amusing. During the past fortnight meetings have been held nearly every second right, and reports read, and deputations appointed to wait upon the masters to see if they would concede an advance of pay and a reduction of the hours of labour. These frosty nights seem to have nipped the enthuisam of the men, as at their meeting on Monday it was with difficulty they could get a man to fill their chair. Mr. Neil Bell was at it ast persuaded to accept the honour of presiding, but naively hinted at the same time that it was bringing him into repute in a manner not likely to be advantageous to himself! The deputations having been called upon to give in their reports, it was found that the delegates were few, and the reports fewer, as the miners had wisely stock to their work, and left those who had the notion of a play-day to attend if they chose. This was felt by the deputations to be cutting them rather boiltely, and, after exhorting them to unity of action, the deputation left the ground rather chargined. Indeed, they were told by the Chairman that the men of Rosehall had not followed or acted upon the advice of Mr. M Donald, their worthy secretary, as to giving in their warning on Sautrady night, because it was a serious matter, and they had taken time for consideration.

The engine-keepers of the Coatbridge district are agitating for an adjance of wages. A meeting was held on Sautraday night, the not were the mean of the mean of

The engine-keepers of the Coatbridge district are agitating for an adjance of wages. A meeting was held on Saturday night, at Whiflat, when it was sugged
Mat, "Considering the present rate of remuneration enjoyed by professional men—with
liss danger and responsibilities in their vocation—we, the engine-keepers, agree to make
sequents of 6d, per day of an advance of wages," which was unanimously agreed to, and
e meeting resolved to wait upon the employers on an early day and make the request.

A somewhat enthusiastic meeting of the miners of the Hollytown and
Nishaw district was held yesterday, in Holytown, when it was shown that
the short-time movement was progressing favourably. There was a good
attendance, but the reports were not guite satisfactory, as the masters generally held
out against the advance. The men at Summerice and Calderbank pits resolved not to
go to work till they got the advance, and the excitement is to be kept up and propastated by meetings, the first of which takes place to-day, in Wishaw, at noon. At this
meeting it was stated from Carfin that upwards of 400 individuals had left their houses
under legal compulsion—that the children had had to be withdrawn from the masters'
schools, and that the doctor refused to attend to the sick of the families on strike. It
was further arranged that a large meeting be held in Giasgow on the 10th Inst., for the
purpose of reporting progress, and exciting to further action.

REPORT FROM MONMOUTH AND SOUTH WALES.

MARCH 8.—In the Iron Trade of South Wales there is no improvement to note. On the contrary, several of the masters are looking out for specifications, having cleared off most of the old orders from their books, and fresh ones are coming in rather irregularly, and it is pretty certain that if specifications are not placed better than they have been during the past fortnight masters will not be in a position to keep their works so fully employed as they have up to the present time. No doubt a further reduction in the rate of discount would have a most encouraging effect, as it is said there are several good orders in the hands of merchants, who decline to place them until the Money Market is at least 1 per cent, easier. According to the state of trade in other districts, Weish makers have no cause to complain. They have hitherto been able to maintain prices, and give pretty general employment to their hands, and they believe that at the end of the present quarter, or the beginning of the new one, business will be characterised by a larger amount of activity, as the advices received confirm the idea mentioned last week—that stocks are low, both on home and foreign account. The trade with America continues about the same as previously reported, and, by the latest intelligence received from the United States, the indux of orders at the approaching spring will very probably be under what was expected, irrespective of whether the import daties are raised or remain as they are. The advices from the Eastern markets are satisfactory, and business with that quarter is rather brisk, and is likely to be more so. There is no change to record in the trade on South American account, and from the Italian, Spanish, and the other continental market there is a moderately satisfactory enquiry. Quotations for all descriptions of flashed: Iron are generally sustained, but in a few instances makers have slightly relaxed their terms. The increased demand for Weish pigs, on Stafford-shire account, is maintained, and fall prices obtained MARCH 8 .- In the Iron Trade of South Wales there is no improvement

Messrs. Beavan and Co. have had a new powerful pumping-engine

Messrs. Beavan and Co. have had a new powerful pumping-engine erected at their Apertillery Collieries. Hitherto the pumping and lifting have been done by one engine, and it is expected that with the additional engine they will be able before long to increase the out-out to 400 tons a day. The whole of the coal raised at these collieries is hand-picked, and no expense is being spared by the spirited proprietors to maintain the high character which the Abertillery steam coal possessed in the markets. At the Cilely Colliery Company (Limited) meeting of shareholders, whose works are at Tonyrefail (Mr. F. R. de la Trebonnais in the chair), it was determined to work the valuable seam of coal on their property with vigour, under a new and efficient management. It is computed that from 50 to 100 tons will be produced daily. The Lianharry Company have at last got through the fault, and struck coal, said to be the best ever worked in Lianharry. Mr. Gibson has also struck a beautiful seam, which comes out like a solid rock.

A case of neglect on the part of a fireman was heard before the Pontypridd magistrates on Thursday. The defendant was a fireman, named Richard Watkins,

pridd magistrates on Thursday. The defendant was a fireman, named Richard Watkins employed at Messrs. Nixon and Co.'s Navigation Colliery, and with other firemen had each a district assigned to them to look after. It was part of their duty to inspect their respective districts on Sundays, for which they received 2s. extra. On Sunday their respective districts on Sundays, for which they received 2s, extra. On Sunday morning, Feb. 2s, the overman reported to Mr. Brown, the manager, that all the firemen had brought in their reports, and it was all right. On Mr. Brown going down the pit the following morning he found there was an accumulation of gas in the eastern portion of Watkins' and strict, and he went to Watkins, and asked him how he came to report his district all right? Watkins replied that he wanted to go home on the Sunday, each he set another. and he got another fireman, named Zephaniah Jones, to inspect the district for him. Jones acknowledged that he undertook the duty, and that he went over part of Wakkins's district, but he did not inspect the eastern portion where the gas had accumulated, as he was not aware it belonged to Wakkins. The defendant, who had been three years firmen in the colliery, received a good character from Mr. Brown, the manager, and he was fined in the mitigated pensity of 21, and 16s. 6d. costs.

The workmen at the Blaenavon Company's Forge and Rolling Mills have presented their its manager.

sented their late manager, Mr. J. Wharton, with a handsome tea and coffice se se 551, as a token of their esteem for him. Mr. Wharton leaves for a mo-situation at Hartiepool.

vice, value 55t., as a token of their esteem for him. Mr. Wharton leaves for a more ligerative situation at Hartlepool.

The Cefa Freestone Quarries, which have supplied the finest freestone for public additings and building purposes generally, have recently fallen into the hands of a company of gentiemen who are about carrying them on in a spirted manner. A line of railway has been constructed from the Great Western into the quarries, and every facility which skill and capital can give has been brought to bear upon the working.

THE CAERLEON TIN-PLATE WORKS.—These works are about chang-g hands. They have been in the hands of the Fothergill family since 1817, and for me years they were used as both wire and the plate works. For many years past, wever, the establishment has been confined to the manufacture of tin-plates. The isw proprietors will be the Messrs. Moggridge, who are owners of part of the freehold, dit is satisfactury to know that the management will continue to devoice on Mr. lilliam Jones, who has so successfully carried on the works for the Messrs. Fothergill repwards of thirty years. Caerleon is the oldest tin-plate works in Wales, with one tection.

RISCA BLACK VEIN PIT.—The annual meeting of the subscribers to the fund for the relief of the sufferers by this calamity has been held at Newport, the Mayor, Mr. T. F. Lawis, in the chair. During the past year three widows have mar ried, and received dowries varying from 20% to 15%, and one has died; leaving, on De

cember 31 last, 12 widows with 31 children, 18 aged parents, and 9 orphan children. The sum of 483L 6s. was expended, and the weekly payments are now 6L 18s. 6d. The balancs in the hands of the treasurer amounts to 3025L 0s. 11d., and 4415L 16s. has been expended since the date of the calamity.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

MARCH 8.—The demand for Finished Iron is rather more quiet than otherwise. Orders are, as a rule, small, buyers appear reluctant to enter into their usual transactions, and the American trade is at a low point. Prices are necessarily firm, for makers of manufactured iron were never Prices are necessarily firm, for makers of manufactured from were never paying so large a proportion of the price they get for their iron in wages and the cost of pig-iron. The demand for sheets, hoops, and small bars is pretty good, and merchant bars of good quality are in fair request, but the plate trade, which was for a long time so important an element, is much depressed. Pig-Iron is firm. This is partly, or perhaps mainly, owing to the state of the Glasgow market, for South Staffordshire, as a great importer from the hematite district of Cumberland and Lancashire and the Classical district is naturally. importer from the hematite district of Cumberland and Lancashire and the Cleveland district, is naturally affected by a rise which influences the price at both sources of supply. There seems good reason to expect an augmentation of orders in a short time, should nothing occur to mar the hopes of the development of an American demand. The Hardware Trades of Staffordshire and Birmingham are fairly active, though orders are not heavy. The United States demand for these goods is tolerably good. Efforts are being made for the establishment of a branch of the Royal School of Mines in South Staffordshire. Such an institution would be great advantage if well supported.

great advantage if well supported.

The question of the application of the Factories Acts to the Hardware

The question of the application of the Factories Acts to the Hardware Trades is gradually occupying increased attention, and naturally some considerable opposition. There can be no doubt that in many of the manufactories—especially, perhaps, the larger tin and Japan works—are conducted in a manner which leaves but little to be desired, but in many others, notably in the case of the small makers of miscellaneous goods, there is a great amount of tyranny inflicted on young children, and a very sad waste of human physical and mental capability, by using up in the immature state the strength which should have been left to develope into manhood. Then, again, the exteut to which drunken parents make their young children slave for them is still very considerable, and it is impossible for anyone who knows South Staffordshire to doubt the need of improvement. Judging from the experience furnished in the case of the North Staffordshire Potteries, it is quite certain that Government, if they introduce it, will pass a bill for imposing restrictions on the labour of children and women by large majorities, and the wise course for the manufacturers of South Staffordshire and Birmingham to pursue is to accept legislation as inevitable, and bend their enquiries and exertions so to modify it as to reduce the inconvenience to the lowest practicable amount. The second explosion at the blast-furnace at the Groveland Ironworks, Tividale, has resulted in the death of a third person—Abraham Waitett, the manager, who auccumbed on Friday. A subscription has been started for the dependent relatives of the sufferers.

Larger Halmon was killed at the works of the Nowth Staffordships Mining

James Hulme was killed at the works of the North Staffordshire Mining Company, at Talke, near Tunstall. He was a loader, and was crushed by wagens run-down an incline of about 3 in. to the yard. On Tuesday morning, a man named Erra Charlesworth was killed by a fall of stone in the Bunker's Hill Colliery, near the

Erra Charlesworth was killed by a fall of stone in the Bunker's Hill Colliery, near the same place.

An arbitration case of considerable importance has occupied the parties concerned two days in arguing, and, though the award is not yet given, some particulars of the matter will be of interest to your readers. Lieut.-Col. Levyt was the plaintiff, and Mr. Piggott, as lessee of the Hednesford Colliery, now worked by a limited liability company, the defendant. Mr. Motteram and Mr. Young (of the Oxford Circuit), instructed by Mr. Hand, of Stafford, were for the plaintiff, and Mr. Marsden, of London, was for defendant. The lease of the colliery was granted in August, 1885, for 20 years, and by it defendant covenanted to pay 100f, per year for the surface, about 90 acres, and the mine royalty was to be paid at the rate of one equal tenth part of the selling price of the "whole quantity of coal, slack, and ironstone gotten from the said premises." The question which the arbitrator had to decide was which was the "selling price" upon which the royalty had to be assessed. For the plaintiff it was contended that a deduction of 2s. per ton up to a certain date, and is, per ton afterwards, was all that the defendant was sentitled to, from the price at which he sold the coal. In support of this case, Mr. Samuel Bailey, mining engineer; Mr. Bond, colliery accountant, Klüsgrove; Mr. Peacock, mining engineer; Mr. Homas Bolton, solicitor; and Measrs. Cookey, Hill, Robinson, Minton, Bromley, and J. U. Fellows, mining agents and surveyors, were examined. The case for the defendant was that, under the peculiar circumstances of the colliery, for a long time the coal had to be taken in a cart to a considerable distance to canal or railway; that when the railway was brought to the coiliery he had to contract to pay at the rate of 2d. per ton per week for a much larger number of tons per week than the colliery produced, and that the market for the coals had to be found in London, Bristol, and other parts of the country, is was entitle ance on the part of defendant, but their evidence was dispensed with. In answer to questions put by the arbitrator, they ali said that they never met with such a royality clause in a lesse, and they could not supply from their experience any basis upon which to chiculate the royality. Several of the more experience of the defendant's witnesses suggested the commutation of the royality to a fixed amount, as it was impossible to carry on the collery with such a covenant without constant disputes. The defendant said he had expended 40,000f. on the colliery, had been anxious from the first to have it settled what was meant by "the selling price," but, though he had defended the action for that purpose, and had listened attentively to the learning expended for two days upon the question, he was as wise as ever. Mr. Rupert Kettle, the arbitrator, is to make his award within six weeks.

DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

MARCH 8.—There is little or no alteration in the state of the Iron and Coal Trades of Derbyshire, most of the works being in a condition to fully employ all their men, whilst the district is constantly being supplied with hands from all parts of the country. At the principal centres of the trades there is a great deal of activity; buildings are being pushed forward, works extended, and new ones are in course of construction. In iron there is a fair demand for bars, hoops, and pipes, with an increasing enquiry for plates for shipbuilding purposes. There is a fair quantity of coal being forwarded by the Midland Company, a good many customers baving taken their orders from South Yorkshired mattering the dispute there into the Derbyshire coal-fields. The Torkshire masters complaint that their Derbyshire competitors have recently reduced their prices for house coal is, and is, 6d. per ton, and that they are selling to the London merchants at 12s. 6d. and at 13s. per ton, delivered at the depths. In the neighbourhood of sheffield business continues active, the export for heavy goods, castings, machinery, &c., being fully as brisk as it has been for some time past. The armour-plate mills are also turning out a vast quantity of material. In addition to the large orders in hand for the home Government, Mesers. Brown and Co. (Limited) have recently dispatched a large number of 6½ and 7½-inch plates for land batteries for the Russian Government, as well as a large land shield for two 68-pounders for Antwerp. The same from are now engaged in the execution of other important contracts for their plates of various thicknesses, which, from their world-wide celebrity, are sure to be in very large request for armour-plated ships and land batteries; indeed, Sheffield seems to have so far distanced all competitors in the manufacture of heavy armour and other plates that the trade may be said to have taken up its permanent residence there. In ornamental castings, for a very large character ha

messrs. Morgan, Macaulay, and Wade have recently taken out a patent ALCEASIS, MADEGAIN, MARCHAINTY, RIGHT WATER DAY OF COUNTY TAKEN OUT & PARENT FOR AN INTERPRETABLE OF THE PROPERTY OF THE PROPE

n Yorkshire there is a fair business doing at most of the iron-In South Yorkshire there is a fair business doing at most of the iron-works in bars, plates, and hoops, but there has been a considerable falling off in the demand for rails; still it is expected that with the advance of the season this department of the trade will be more than ordinarily brisk. There is little increase in the trade doing in coal, a large number of the wagons on the Green. Nothern being loaded at most of these stations and at the London depots. In steam coal, however, there is a fair quantity being sent into Liceoinshire and to several of the Yorkshire ports. Leeds and Sheffield are also taking a good deal of hard and engine coal from the district. The advance of 5 per cent, to the colliers, with weekly pays, has made little or no difference, for, if anything, the quantity of coal raised has rather decreased. There is no alteration in the state of affairs at Messrs. Newton, Chambers, and Coa's extensive collieries at Chapeltown and Westwood. The firm are desirous of increasing the wages of all their men, but state that as there are certain parts of their pits where the men can arm double the wages they can in others, they think those parties ought to be considered first. The men, however, contend for an unconditional 5 per cent., with weekly pays.

ly pays.
the North Riding several of the blast furnaces are out, the dispute weekly pays.

In the North Riding several of the blast furnaces are out, the dispute between the men and their employers remaining in the same state. At Stockton the Iron shiphdiders, who were on strike for limiting the hours of labour to 54 per week, met with a sadden check on Saturday last. Two of Measrs. Pearce, Lockwood, and Co.'s hands were summoned for neglecting their work, and leaving before fulfilling their contracts, and were sentenced to be imprisoned. After the conviction all the men agreed to resume work till the termination of their contracts, and the conviction against the two men was not enforced. The helpers, however, refused to go in, having been promised pecuniary assistance from head-quarters, and so the matter rests. It is, however, generally believed that the dispute will be adjusted.

There is a good demand for coal in Manchester and Liverpool, and the home collieries and those in South Yorkshire are doing a full average trade. The Stateybridge, Gorton, and Glossop hard coal and engine slack are in good request, the milis generally being in full operation. There is no alteration in the state of the fron trade, the demand for nearly all qualities being good. For ship plates there appears every prospect of more being done than for some time past. Tin-plates remain in the same firm state as before announced.

The Coke Trade is also very active, and the manufacturers in Derbyshire find a ready market for all they can produce. The coal in the Dronfield valley produces a most excellent coke, which is consumed almost excellently by the steel manufacturers at Sheffield. A large quantity of the Derbyshire coke is also consumed almost excellent ones, which is consumed almost excellently by the steel manufacturers at Sheffield. A large quantity of the Derbyshire coke is also consumed almost contents at Sheffield. A large quantity of the Derbyshire coke is also consumed almost contents as the second of the consumption of coke has increased in like ratio.

The British Association for the Advancement o

court next meeting at Nottingham, in the ensuing summer, and amongst the place of fixed for visiting are the extensive plant works of the Midland Railway at Derby, who about 3000 men are employed in the manufacture of rolling stock and in the merch necessary for the maintenance of the permanent way. Meastrs Barber and Walker coal mines will also be visited, and other works within easy access of Nottingham. Several new lead mining enterprises are being started in Derbyshire but at present the projects have been but moderately received, so far as investment is concerned. The difficulty of raising an adequate capital for the necessities and unsettainties of lead mining in the Peak of Derbyshire appears to stand in the way of one at two of the enterprises being carried out. A company to smelt the ore would do wall, as it is known that the present proprietors of lead-smelling works carry on a close man, nopoly, and something is required to be done to break it up. A little business has been done in some of the new limited companies. The Staveley coal and from stock is distincted to get, except at a tempting advance over present quotations. John Brown as the contract of the property of

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

MARCH 8.—We are now in the midst of winter here, very severe weather having been experienced lately. This, of course, has considerable effect on the trade and commerce of the district, and particularly the coal and shipping trades. The state of the trade for sailing ships is now most lamentable; the period transition from sailing to steam vessels in the coasting trade has been arrived at, and the result is a great depreciation in the value of sailing ships; there is, indeed, very little employement for them, and the rate of freights is extremely low.

Since we last wrote a large number of men have entered into the yearly agreement at the collieries in Durham; in many cases a slight advance has been given, and, therefore, the whole of the miners in Durham, or, at least, the bail of them, will in a short time be engaged for another year. Generally speaking the work are doing a good business, and the men are well employed, they are also receiving higher rates, and are carning better wages than at any time during the past 30 years; this has been caused simply by a legitimate demand for men and coals, and has not been brought aghtators will reap any benefit in this county, as the men appear to turn a deaf car is all their entreaties, taunts, and thresis. They appear to be well content generally with the course of events, and excellent reasons they have for being so.

An old shaft is being rapidly opened out near the Victoria Railway bridge, on the Wear. This shaft is intended to be the centre of very extensive mining operations, as it is intended to drain the old works at Ox Close, abadoned a few years ago, and thus open out again a large quantity of coal of exceilent of working. The same from, that of W. G. Elliott and Co., have also secured a large of working. The same from, that of W. G. Elliott and Co., have also secured a large of working. The same from, that of W. G. Elliott and Co., have also secured a large of working. The same from, that of W. G. Elliott and Co., have

onth last year.

The Nine-Hours Movement continues to occupy much attention; it is The Nine-Hours Movement continues to occupy much attention; it is at present by far the most dangerous rock ahead for the commercial and manufacturing classes here, and how the difficulty will be met it is impossible at this stage to predict. It has, however, been agitated by the men for a long pariod, and they have been quietly organising for united action in the matter, and they will, it is feared, be extremely tenacious about it. The greatest difficulty, however, appears to be in connection with the machinery employed. It is abourd to suppose the the engines can be reduced from working twelve bours to nine hours, or when working twenty-four hours to eighteen hours per day. Some compromises with have to be mad, and we believe some modification may be made in the present arrangements. In the meantime a most diagraceful strike has taken place at the Walker Chemical Works, or the Tyne, the origin of it being an order given by the men that two of their felion workmen abould leave the works, the masters very properly refusing to comply with the order. A strike is also going on at Stockton respecting this nine-hours movemen, and others are imminent on the Tyne. A large meeting of workmen was held in Gateshead yesterday, and the feeling was pretty unanimous that the nine hours ought to be insisted upon.

FOREIGN MINING AND METALLURGY.

The French Minister of Agriculture, Commerce, and Public Works he inangurated some newly constructed buildings, devoted to the Paris School of Mines, and situated in the Boulevard St. Michel. M. Béhic examines in all their details these extensive buildings, which comprise workshops and laboratories, the proportions and fittings of which leave far behindal that has hitherto been attempted. What especially attracted the attention of the Minister was the beautiful mineralogical and geological collections, the value of which is computed at 250,000. There are nowhere to be found more complete collections, richer in specimens, or more regularly and more scientifical catalogued. The collections are further being earliched every day, either by gifts or purchases. The School of Mines is now directed by M. Combes, inspector-General of Mines. M. Griline Engineer-in-Chief of Mines, is inspector of the studies; and M. Elle de Beaumont, and the properties of the studies of the control of the School of Mines and the processors of the establishment. The creation of the School is a hotel in the Rue de l'Université, belonging to the Mouchy family. In 1810 the Govern Mines and Public for mines 1785. It was then established under very restricted conditions, in hotel in the Rue de l'Université, belonging to the Mouchy family. In 1810 the Govern establish the School there. The hotel was inseed at first, but it was purchased by the State in the course of 1837. The hotel having been in grest part sacrificed for the creation of the Boulevard St. Michel, some new annexes have been constructed, and it was these buildings which have just been visited by the Minister of Agriculture, Commers, and Public Works. At a recent meeting of the Paris Société des Ingenieurs Civils, N. Simonin presented an interesting "note" on the coal supply question. Endeavouring to take account of the probable duration of coal in the world, M. Simonin deduced statistics, showing that during the last half-century the production of the Mines and the production was The French Minister of Agriculture, Commerce, and Public Works has inaugurated some newly constructed buildings, devoted to the Paris School of Mines, and situated in the Boulevard St. Michel. M. Béhic examined

rails supplied must be hammered. The "reception" is very severe, and a guarantee of four or flow pears is still required by the Prussian companies. These various condition lead to the anticipation that M. de Wendel will not make a very brilliant affair out of the transaction. It is remarkable, however, to observe how the system of uncerticate competition "is everywhere extending. The dividend for 1865 of the General Company for Fromoting Commerce and Industry in France has been fixed at 12s, 10d, per share; the amount paid on the shares is 15t, each, so that the distribution for last year is a because of the contraction of the contraction. The Motta, E. Haddle Magnatelic from Mineral the rate of about 4 per cent. per annum. The Mokta-El-Hadid Magnetic Iron Mineral Company will hold a meeting at Paris, March 31. The Carvin Colliery Company will meet, April 8, at Carvin. The great Parisian Company for Lighting and Heating 9 Gas will meet March 17; the revenue of this company in January amounted to 141,794, as compared with 140,3971, in January, 1865.

We referred last week to the adjudication by the Belgian Government

We referred last week to the adjudication by the Belgian Government of several contracts—among others, one for locomotives—with regard to which M. Vaessen, director of the St. Leonard Company, at Liége, write—"It is stated that the public Treasury"—that is, the Belgian Treasury—"would realise a profit of 15 per cent. on the order for railway plant which the Government has given to foreign industrials, seeing that besides a reduction of 5 to 6 per cent. on the purchase prices the makers will have to pay import duties of 10 per cent. Permit me to observe that, as regards locomotives, the import duties will be only 11.19. per ton after July 1. As these locomotives weigh approximatively 30 tons, the amoust of duty to be paid on each will be 481, or only 2 per cent, on a value of 24001. The percentage will be reduced again by nearly one-half, if we take account of the fact that the makers of Belgian locomotives must obtain from abroad materials submitted to first course of treatment. Thus we generally receive from should for a locomotive 3 to 4 tons of rolled and worked copper, and 3 to 4 tons of worked steel. On the first we pay 41, per ton, and on the second 14.12s, per ton; we also receive various other locomotive accessories from abroad. Altogether, we pay the Treasury sum of about 341, per locomotive for duties; the Treasury will thus profit to the extent of 481, less 244, which makes the profit i per cent, and not 10 per cent." The Belgian Minister of Public World appears to have been under the impression that a condition of Belgian makers existed, but it is to be hoped that no ill feeling will be permitted to arise on the subject. As makes the profit | per cent. and not 10 per cent." The Belgian Minister of Put appears to have been under the impression that a condition of Belgian make but it is to be hoped that no ill feeling will be permitted to arise on the sui regards the State, the few hundred pounds which it may perhaps gain by an foreign competition will not compensate it for inconveniences which these may, perhaps, occasion. As regards the makers, they cannot doubt that a

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against the State will never serve their interests. The situation of the Belgian fron trade has not varied; casting pig is maintained with some difficulty at 3t. 18s. and 4t. trade has not varied; casting pig is maintained with some difficulty at 3t. 18s. and 4t. per ton for No. 5 for small lots. A few weeks since the advance commenced on this per ton for No. 5 for small lots. A few weeks since the advance commenced on this per ton for No. 5 for small lots. A few weeks since the advance commenced to the market. Iron has ben stationary, at previous quotations. Bails appear to have to the market. Iron has ben stationary, at previous quotations. Bails appear to have to the market. Iron has ben stationary, at previous quotations. Bails appear to he rice are stating the advanced begins to feel the influence of the approach of spring. Prices are still Belgian coal trade begins to feel the influence of the approach of spring. Prices are still Belgian coal trade begins to feel the influence of the approach of spring. Prices are still be spring appear to be right in their views. Quotations of freight have been naturally less firmly supported during the last few days.

During the past month some of the foreign metal markets have experienced important modifications. Chilian copper has followed a very decided downward course at Havre, where it has given rise to rather numerous transactions, at 95t. to 91t., in consequence of various interpretations to which resent events in Chill have given rise. At the last dates Droubleim was quoted at Anasterdam at 59t fist, English at 57 8s. to 85 s.; and Swedish, at 58 fis. At Havre, Chilian and Peruvian in bars has made 90t. to 91t.; Peruvian mineral (pure standard), 95t. United States (Baltimore), 100t., ditto (Lake Superior), 104t. to 124t.; Mexican and Plata in bars, 78t. to 80t.; Russian, 98t. to 100t.; old yellow copper, 56t. to 60t.; per doi. At Paris the quotation for English in plates has been 96t. to 99t.; for Lake Superior, 124t.; for Chillian, 90t.; and for Corocoro minera

DIRECT-ACTING PUMPING-ENGINE.—The invention provisionally specified by Mr. Jacob Goodfellow, of Blackburn, consists in the employment of direct-acting steam-engines working horizontally, vertically, or diagonally, and connecting them direct to single or double-acting pumps, thereby dispensing with the ordinary crank shafts, cranks, connecting-rods, and eccentrics; and these improved arrangements are applicable to pumps for fire-engines, for feeding boilers, and the improved arrangements are applicable to pumps for fire-engines, for feeding boilers, and the feeding holders, and all other purposes where pumps are required. At one end of the foundation or bed-plate, he boils the cylinder of the steam-engine, and at the other end the cylinder or barrel of the pump, and connects the two cylinders together by a strong stay or frame of cast or wrought-iron, for the purpose of maintaining the two cylinders parallel with each other, and preventing any shake or unsteadness, and the piston of the engine and the bucket or plunger of the pump are connected together by one piston-rod in one piece, or two pieces coupled together, and, therefore, the piston works the pump direct. For working the cock or valve, for opening and shutting the steam ports of the steam-engine, he employs a tumbler lever, working in connection with a second lever, jointed to a rod connected at its other end by an arm or bracket to the piston-rod, so that as the arm moves to and fro with the piston-rod it gives vibrating motion to the aforesald second lever, for enabling it to act by means of adjustable stude upon the tumbler lever, and cause it to fall first on one side and then on the other, for giving alternate to-and-fro mitions to the cock or valve; or instead of employing a second level the tumbler lever, and cause it to fall first on one side and then on the other, for giving alternate to-and-fro mitions to the eock or valve; or instead of employing a second level the tumbler lever, and cause it to fall first on one side and then on the other,

the form of the certains and mode of working the valve are the same.

BLAST HEATING STOVES FOR FURNACES.—Some improvements have been provisionally specified by Mr. R. Howson, of Preston, which relate to the stoves used for heating the blast before it enters the smelting-furnace. In stoves hitherto used for this purpose the air to be heated has been made to asst through pipes or chambers of various forms; and it has been introduced and made to traverse through such pipes or chambers for the most part in a direction parallel to the heated surfaces thereof, so that a portion of the passing air might go through without coming in actual contact with the heating surfaces. The improvements consist in a arranging the pipes or chambers of stoves that the air to be heated will impling upon decome in forcible contact with the heated surface or surfaces of the stove at about a fight angle therefo, so that by this means every portion of the air is borught in direct in some contact with the heating surface of the stove. He prefers to carry this into affect by introducing the cold air into an inner chamber, which has a series of perforations, so as to direct it against the heated sides of an outer chamber at that part exposed to the most intense heat of the fire.

IMPROVEMENTS IN GAS-ENGINES,—In gas-engines, as at present ar-

IMPROVEMENTS IN GAS-ENGINES.—In gas-engines, as at present arranged, it is common to fire the charges of mixed gas and air by means of ectricity, but this is inconvenent, as it is found difficult to keep the batpries constantly in working order. Mr. Hugh Smith, of Westbourne Park,
erefore proposes as an improvement of fire the charges by means of vapour which
arms spontaneously on coming in contact with air; the vapour he employs is that of
as liquid phosphide of hydrogen; and he passes small pipes, which he calls explosion
shes, from the gas main to each end of the cylinder, and on these tubes are applied, just
slove the connection with the cylinder, bottles containing the liquid phosphide, so that
e gas may pass over the liquid. When the cylinder is charged with gas and air, a
p on one of the explosion tubes is opened, and the gas, carrying with it the vapour of
ephosphide, enters the cylinder, and the vapour there meeting with air, an exploon at once takes place, driving the piston along the cylinder, and in this manner
episton is driven from end to end of the cylinder. This method of firing the charges
the possible whatever be the form of the combustion chamber, whether it be, as assumed
the foregoing description, a cylinder with a piston working within it, or of other form
ad construction.

the foregoing description, a cylinder with a piston working within it, or of other form ad construction.

New Method of Rolling Iron.—Of making improvements there is o end. What seems the nee plus ultra of one generation is but an incient step towards the progress of the next. New processes of manufactro follow each other in rapid succession, keeping pace with the ever incessing needs of a growing population. A characteristic of modern inntions is the vast increase of power obtained by the new machinery which y introduce, lessening manual labour, and rendering the hardest metals as pilable as y in the bands of the potter. A recent invention of a new method of rolling iron is effect of the content of the potter. A recent invention of a new method of rolling iron is effect of the content of the content of the content of the content of recess for rolling into irregular shapes, by which checquered surfaces, projections, and ressions can be obtained with the same facility as plain surfaces have heretofore been duced. This result is accomplished by means of adjustable discs, of any desirable tern, placed upon ordinary rollers, which leave upon the bars drawn through them impress of the figures which they bear. Instead of solid rolls turned with grooves peripheries in the ordinary manner, the inventor uses the cast or wought-iron oddes, on which are slipped cast-iron, steel rings or discs, forming grooves or peripheries of the continuary rollers, and susceptible of an almost infinite lety of combinations. The spindles are allowed to project beyond the housings of side, the giving an opportunity for placing upon them every variety of pattern is, and requiring but a few minutes to effect any desired change. Thus one set of side, thus giving an opportunity for placing upon them every variety of pattern is, and requiring but a few minutes to effect any desired change. Thus one set of side, thus giving an opportunity for placing upon them every variety of pattern is, and requiring but a few minutes to effect any desired ch

HINING INTELLIGENCE.—The Bradda Mine is about to be re-opened a new company upon the limited liability principle, and with a capital of 36,600L, it 80 shares, of 3L, each. The prospectus of the company will shortly be issued. We erland that upwards of 4000 shares have already been taken up, and that the parby whom the management will be undertaken are a sufficient guarantee for the prodevelopment of this rich mineral property.—Mone Sun.

ARRETT AND CO., No. 9, SPRING GARDENS, CHARING CROSS, are PREPARED to GIVE EVERY INFORMATION on BRITISH and EIGN MINES, and have a large number of SHARES FOR SALE, which will pay Fifteen to Thirty per cent. Their "Investment Review" can be had on applicated on the safest and best securities in Mines, Railways, Eastern Indian Stock, &c.

AMES WALTON, MINING BROKER AND FINANCIAL AGENT, 9, QUEEN SQUARE, BRISTOL. OFFICES OF THE BOLINGEY HILL MINE.

APT. J. RABEY OFFERS FOR SALE FIFTY SHARES, at the nett price of £3 per share, in the CAI-R-PANT MINE, joinining the great get by the a Mine, and one of the best prospects in the district, being all whole ground, and 7944.

1944. The paying for itself now at the shallow depth of 40 yards.—Address, Captain J. 1945.

1945. The paying for itself now at the shallow depth of 40 yards.—Address, Captain J. 1945.

NORTH OF ENGLAND MINING AND ENGINEERING OFFICES, MANCHESTER.

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et that
1 to 8 ESSRS, HARVEY AND CO., MINING ENGINEERS, AGENTS, AND SHAREDEALERS, CLARENGE CHAMBERS, MANTEH, are at all times in a position to deal in all the market Dividend and Provive Mine shares, and also to advise on all mining matters, being practically acted with the business, and having a daily communication from the mining disof Devon and Cornwall.

SIS. HANVEY and Co. publish a monthly "Mining Circular," containing a vasuumary of mining information. Subscription, 6s. per year.

ankers: The Consolidated, Manchester; and the Alliance, Lothbury, London.

MANCHESTER, AND WEST END OF LONDON.

R. W. HANNAM, MINING, SLATE QUARRYING,
INSURANCE, AND GENERAL SHAREBROKER,
OVAL INSURANCE BULLDINGS, KING STREET, MANCHESTER; and
31, REGENT STREET, LONDON, S.W.

BYANTANEOUS COMMUNICATION with the STOCK and MINING EXLAS AND COMMUNICATION WITH THE STOCK AND COMMUNICATION WITH THE STOC

R. CHARLES BAWDEN, INSPECTING MINE AGENT, St. DAY, CORNWALL, OFFERS HIS SERVICES to CAPITALISTS LING to INVEST in bona fide MINES.

MINING BUSINESS IN SOUTHERN GERMANY.—The OWNER of some most valuable mines WISHES to JOIN with one or more CAPITALISTS to carry out the BUSINESS in COPARINERSHIP, or in FOUNDING a SHARE COMPANY for the same purpose.—Address to "L. H. B.," 126, Southgateroad, N.

TO CAPITALISTS.—WANTED, a PARTNER in ONE of the MOST PROMISING COLLIERIES in NORTH WALES. The royalty is about 500 acres, and is aiready proved to contain four valuable seams of coals, adapted both for house and steam purposes, and the returns on the capital invested will be at least 50 per cent. annually. The capital is required for the full development of the concern, and if preferred the incoming partner may have the entire management, financially and otherwise.—Address, "W. 16," Post-office, Liverpool.

TO PROMOTERS OF PUBLIC COMPANIES.—A GENTLEMAN, practically acquainted with the working of joint-stock companies, having spacious offices in the City, DESIRES the APPOINTMENT of SECRETARY to a bona fide undertaking. Terms moderate.—Address, "P. T. O." Messrs. Morgan and Co., 5, Bond-court, Waibrook.

UNUSUAL OFFER.—The ADVERTISER, having SPENT TWO HUNDRED AND FIFTY POUNDS on a GOOD MINE, SEEKS a PARTY to DO the SAME. Full particulars, references, &c.—Address, "Davidus,"

IVERPOOL AGENCY.—A GENTLEMAN, holding a very responsible Agency in Liverpool in the Metal Trade, is DESIROUS of UNDERTAKING ANOTHER AGENCY in any branch of the METAL TRADE, to work with that which he already holds. Unexceptionable references. Address, "P. M.," care of Editor of the Mining Journal, 26, Fieet-street, London.

OMMISSION AGENCY.—A GENTLEMAN residing in Hamburg, who has an extensive connection with consumers and merchants, is OPEN to ACCEPT an AGENCY for IRON, COALS, and COKE.—Address, "F.W.," box No. 8, Post-office, Newcastle-on-Tyne.

COMMISSION AGENCY.—A GENTLEMAN, residing in the heart of the West Cornwall mining district is WILLING to UNDERTAKE the SALE of CANDLES, STEEL, ROPE, or any other MATERIALS USED IN MINING, on commission. The highest references will be given. Advertiser has a large mining connection. Apply, "H. W.," MINING JOURNAL Office, 26, Fleet-street.

A GENTLEMAN having an extensive connection with Merchants, Manufacturers, and others, would be GLAD to UNDERTAKE the SALE of PATENTED ARTICLES or INVENTIONS, on commission.—Apply to Mr. W. T. RAWLE, patent and mining agent, 8, Small-street, Bristol.

VALUABLE SLATE PROPERTY ON SALE, situated in the most favourable part of the FESTINIOG DISTRICT; good water power, and in a short distance of the Festiniog Railway.—All particulars from "W.S. C.," S. Peak-office, Liverpoor within a short distance of the lox C., 87, Post-office, Liverpool.

CARBONATE OF BARYTA-TO MINE AGENTS.—
WANTED, NATIVE CARBONATE of BARYTA.—Price, terms, and place
addressed to Mr. T. Green, 2, York-road, Stepney, London, E.

FOR SALE,—a CONDENSING ENGINE, cylinder (nearly new), 38 inches diameter; stroke, 7 feet; fly-wheel, 22 feet diameter; and weight about 24 tons.—for further particulars and price, address "Box 205," Post-office, Bristol. THE FORTUNE COPPER MINING COMPANY OF WESTERN AUSTRALIA.—SHARES in this company TO BE SOLD. No reasonable offer refused.—Apply to Mr. J. W. HART, 60, St. Mary Axe, London.

POREIGN LANDS AND MINERAL RIGHTS COMPANY.—
FOR SALE, HALF a SHARE in this company, which in a few weeks will probably be exchanged for 20 fully paid-up ordinary £5 shares, and 75 paid-up royalty £5 shares, in the Chontales Company.—Address for price, "A. W.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

THE CROWN SLATE AND SLAB COMPANY (LIMITED), NEAR DOLGELLY, NORTH WALES.—The ADVERTISER HOLDS TWO HUNDRED SHARES in the above company, and is unfortunately COMPELLED to REALISE. Any gentleman wishing to negociate for the same may address "X. Y.," care of Mr. P. Barker, King-street, Manchester.

CRENVER AND WHEAL ABRAHAM MINING COMPANY (LIMITED).—THIRTY SHARES FOR SALE, £3 15s. paid. Price, £1 per share.—Apply to "W.," care of Mr. Barker, Castle-court, St. Michael's-alley, Cornbill, London, E.C.

REAT WHEAL ALFRED MINE.—Notice is hereby given, that the FINAL STATEMENT of ACCOUNT, examined and found correct by the committee, and allowed and passed at the general meeting on the 20th inst., and all the documents relating thereto, lie at this office ACCESSIBLE to ANY SHAREHOLDER who may wish to inspect them. By order of the Committee,

Office, 2, Church-court, Clement's-lane, Lombard-street, London, E.C.,

February 28, 1866.

CROISER VALLEY AND PORT MADOC FREEHOLD SLATE COMPANY (LIMITED) - WINDING-UP VOLUNTARILY. - Notice is hereby given, that ALL CREDITORS of the ABOVE-NAMED COMPANY are REQUIRED, on or before the 31st day of March, 1886, to SEND in THEIR NAMES and ADDRESSES, and the AMOUNTS and PARTICULARS of THEIR SEVERAL CLAIMS on the said company, or their claims will not be entertained, addressed to the Liquidators, to the care of Mr. Harris, No. 1, Coleman-street-buildings, E.C. March 9, 1886.

MARIQUITA AND NEW GRANADA MINING COMPANY.

TAKE NOTICE, that an EXTRAORDINARY GENERAL MEETING of the
Mariquita and New Granada Mining Company will be HELD at the London Tavern,
Elshopsgate-street, in the City of London, on MONDAY, the 19th inst., at One oclock
F.M., for the purpose of confirming the special resolution passed at the extraordinary
general meeting of shareholders held this day, viz.:—

And at this meeting it will be proposed to appoint liquidators for the purpose of windlng up the company voluntarily.

By order, C. O. ROGERS, Sec.
6½, Austinfriars, March 5, 1866.

TO ENGINEERS, MINING COMPANIES, AND OTHERS. JOHN TURNER (of Sheffield), 3, FINKLE STREET,
STOCKTON-ON-TEES,
MANUFACTURER and REFINER of SUPERIOR CAST-STEEL for MINING
DRILLS, PUNCHES, TURNING TOOLS, and TAPS, at reasonable prices.
Soliciting a sample order.
A Stock of Steel and Mining Tools kept at the above address,

BEARDWOOD, JONES, AND CO.,
17, CANNING CHAMBERS (Opposite the Custom House),
LIVERPOOL,
FORWARDING, COMMISSION, AND SHIPPING AGENTS.
Being intimately acquainted with the shipping of Iron, Hardware, Crates, &c., to all ports, we can offer superior advantages to Merchants and Manufacturers, both in low freights and moderate shipping charges. Marine Insurance effected.

MESSRS. C. THOMAS AND CO., CIVIL AND MINING ENGINEERING OFFICES,
POOLFOLD CHAMBERS, CHAPEL WALKS, MANCHESTER,
AND REDRUTH, CORNWALL.

MESSRS. BEOR AND KENRICK,

MINING ENGINEERS,

8 WAN'S EA AND RUABON.

Messrs. Beor and Karrick undertake the inspection and survey of Estates and
Mineral Properties at home and abroad; and are open to contract for the erection of
mine mainleney, the sliking of shafts, and boring of untried ground.

In all cases a plan will accompany their reports. References given.

E L F O R D, W I L L I A M S, A N D C O.,

COPPER ORE WHARFINGERS,

SHIP BROKERS AND COAL EXPORTERS,

METAL AND GENERAL COMMISSION AGENTS,

SWANNEA.

ELFORD, WILLIAMS, and Co. having erected an assay office, and engaged the services of a practical Cornish assayer, who will devote his whole time to this branch of their

business, they are now in a position to make correct assays of silver, copper, and other mineral ores, on the most moderate terms.

MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Cornwall, several years of which he has had the entire management of mines therein, enables him to GIVE GOOD ADVICE thereon. MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING RAILWAY, and OTHER SHARES. His monthly Circular forwarded on receipt of six postage stamps. Criddis Mine, St. Issey, Fadstow, Cornwall.

ROBERT LIBBRY AND SON,
MINE AND SHAREDEALERS, &c., CAMBORNE, CORNWALL,
Recommend the undermentioned mines for immediate investment:—
West Great Work.
East Lovell.
New Clifford.
Rosewarne United.

nbove mines are quite safe for a great rise in price, and should be bought im-tely. Mines inspected by competent agents. CAPT. JOHN SEYMOUR, M.E., LEEDSTOWN, HAYLE.

CORNWALL, OTHER SEI MOUR, M.E., LEEDSTOWN, HAYLE, CORNWALL, OTFERS his SERVICES to the public as an INSPECTOR of MINES and MINE SHAREDEALER. Capt. SETMOUS having had forty years practical mining experience, and the entire management of different mines for the last twenty-two years, is capable of giving good advice to speculators, and would recommend the following mines to be dealt in:—Rosewarne United, New Rosewarne, Rosewarne Consols, Wheal Curtis, and Great Wheal Fortescue.

MINING OFFICES, MANCHESTER.

THOMAS MOLYNEUX AND CO., MINE AGENTS
AND SHAREBROKERS. Reliable information can be obtained as to purchase
and sale of shares.
Offices of the Ellen United Copper and Zinc Mining Company (Limited), and Hazael
Grove Silver-Lead Mining Company (Limited). Tuos. Molyneux, secretary, 28, Prin-

In Chancery.

In Unancery.

CAUTION.—WESTON'S PATENT PULLEY BLOCKS.—
TANGYE v. STOTT.—Before IIIs Honour Vice-Chancellor Sir W. P. Wood and a special jury, December 11th, 12th, 13th, 16th, and 16th, 1885, and before His Honour, on motion for a new trial and motion for decree, February 8th and 12th, 1886. The special jury having found a vertick for the plaintiffs, and His Honour Vice-Chancellor Wood having made a decree for a perpetual injunction to restrain the defendant James Stott, of Rochdaie, from infringing Weston's Patent, and ordering the defendant to deliver to the plaintiffs all articles made according to the invention, and to pay te the plaintiffs the cost of the suit,
All persons are hereby cautioned against manufacturing, purchasing, or selling any differential pulley-block similar to Weston's Patent not manufactured by the plaintiffs. Applications will forthwith be made to the Court of Chancery for INJUNCTIONS against all persons who may be found infringing Weston's Patent after this notice.
The blocks may be obtained from the plaintiffs' wholesale agents, S. and E. RANSOME AND Co., 31, Essex-street, Strand, London, W.C.

M ESSRS. HARVEY AND CO., HAYLE (and until recently of Clarence Chambers, London), desire to say THEY ARE NOT CONNECTED IN ANY WAY with Messrs. Harvey and Co., Clarence Chambers, Manchester, who issue circulars and advertise mine shares.

Foundry, Hayle, and Nine Elms, London, Feb. 27, 1866.

Foundry, Hayle, and Nine Elms, London, Feb. 27, 1895.

RARE OPPORTUNITY TO CAPITALISTS.

NANTLLE VALE, CARNARVONSHIRE, NORTH WALES.

TO BE DISPOSED OF, the LEASE of a SLATE QUARRY and PLANT, together with FIFTY ONE ACRES of LAND, a good DWELLING HOUSE and OUTBUILDINGS, situate in the above vale, and within a few yards to the branch line of the Carnarvonshire Railway. The quarry is in proper working for last year was within a trifle of 800 tons, and with a little outlay may produce a much larger quantity. There is also a green vein on the property, proved to be fifteen yards wide. Bige sistes having advanced in price last January about £30 per cent., this is a rate opportunity for capitalists, and well worth their notice.—To treat for the same apply to "H.," Bryneisteddiod, Carnarvon.

worth their notice.—To treat for the same apply to "H.," Bryneisteddiod, Carnarvon.

LILCA, OR GANISTER, FIRE-BRICK WORKS.—TO BE

SOLD, BY PRIVATE CONTRACT, the very eligible and commodious premiser, called ST. DAVID'S FIRE-BRICK WORKS, situate at OUGHTIBRIDGE, near SHEFFIELD, now in the occupation of Mesers. Russell and Young, comprising three kilns, stoves, workshops, and drying sheds, together with the STEAM ENGINES, STONE GRUSHERS, MACHINERY, and PLANT belonging thereto.

These works have been recently erected on the most approved principles, close to the Oughtibridge station of the Manchester, Sheffield, and Lincolnshire Railway, and the Ganister stone and coal are brought from adjoining mises on tramways belonging to the brick works, which are now in full operation, and are capable of turning out upwards of 30,000 bricks per week. Early possession may be had.

For further particulars, and to treat far the purchase, application is requested to be made to Mesers. Biansaon, solicitors, St. James's-row, Sheffield.

TO BE LET, for such a term of years as may be agreed upon, the VALUABLE LIMESTONE, LEAD, IRONSTONE, or other MINERALS on "PARSON BYERS" ESTATE," belonging to the Rectory of STANHOPE, in the County of DURHAM. The estate abounds in limestone; it is about two miles west of Frosteriey, and is intersected by the Wear Valley Railway.—Particulars may be obtained on application to Mr. J. J. KODDAM, Land and Mineral Agent, Stanbope, who will receive offers in writing for the above until and including Wednesday, the 21st inst. The lessor does not bind himself to accept the highest or any offer.

Newtown, Stanhope, Darlington, March 7, 1866.

ARGYLLSHIRE.

LATE QUARRIES TO BE LET.—The EXTENSIVE and VALUABLE SLATE QUARRIES of EASDALE are TO BE LET, for such term of years as may be agreed upon, with entry at Whitsunday, 1868. The plant will be given to the tenant at valuation, and taken in the same way at the expiry of his lease. A resident tenant may have an excellent house and farm, with shooting and fishing if desired.

A resident tenant may have a fit desired.

For conditions of let, and all particulars, apply to Messrs. Adam, Kink, and Robertson, W.S., 9, South Charlotte-street, Edinburgh, or Jakes Bett, Easdale, Oban, who will receive offers till the lat of April next.—Edinburgh, February, 1866.

will receive offers till the lat of April next.—Edinburgh, February, 1866.

LATE QUARRY, situate in the parish of LLANAFANFAWR, in the county of BRECON, ten miles from Builth, five from the intended railway station at Massecin-y-fordd, on the Central Wales Railway, and six from the Mid-Wales Railway at Newbridge-on-Wye.

The slate vein runs up from the river to the top of the mountain to a height of 511 ft., is about half a mile in length, and 200 yards in width. Openings have been made in the vein, and although generated only to a few feet from the surface, it produces good slates. The metal and quality of the slate is strong and durable, will bear carriage to any part of the world, and stands the heat necessary for enamelling perfectly.

There is room for tipping rubbish for centuries, and a plentiful supply of water at all times of the year for machinery.—Apply to J. Phatt, Esq., land agent, Crickhowell.

OTICE.—Notice is hereby given, that the COAL BUSINESS CARRIED ON for many years by Mr. JOS. DUNSTAN will, on and after the 1st March next, be CONTINUED under the FIRM of J. DUNSTAN AND CO. To the above will be ADDED the BUSINESS of GENERAL MERCHANTS, AUCTIONEERS, MINE BROKERS and SHAREDEALERS, MINE PURSERS, COMMISSION AGENTS, ACCOUNTANTS, &c.

J. DUNSTAN and Co. hope, by strict application to all matters of business entrusted to heir care, to merit a liberal share of public patronage.—Traro, January 24, 1886.

HORIZONTAL ENGINES FOR SALE, at very low prices:—
One 12 in. cylinder, 24 in. stroke; one 12 in. cylinder, 36 in. stroke; and two
14 in. cylinders, 24 in. stroke. All ready for delivery, and may be had with or without
dy-wheels.—Apply to Messrs. E. Page and Co., Laurence Pountney-place Laurence
Pountney-hill Cannon-street E.C.

FIRST CLASS PORTABLE ENGINES, of 8 and 10-horse power

HEEPSTOR AND LYD RIVER UNITED MINES (LIMITED).—Prospectuses of this promising undertaking can be had from Mr. U. LESES, 2, Angel-court, Throgmorton-street, and Stock Exchange; or on application to Messrs. Brawns and Lincui, 3, Crown-court, Old Broad-street, London, and 73, Clayton-street, Newcastie-on-Tyne.

THE STAFFORDSHIRE WHEEL AND AXLE COMPANY

LIMITED).

Incorporated under the Companies Act, 1862.
Capital, £400,000. in 20,000 shares of £20 each.
First issue, 10,000 shares. Deposit on application £1 per share, and on allotment £1 10s. per share.
Subsequent calls, at the rate of £2 10s. per share, at intervals of not less than three months, with one month's notice.

It is not in contemplation to call up more than £10 per share.

DIRECTORS.

MUND BOUGHTON. Eq., The Leverts, Handsworth, Director of the Clones.

Wagon Company.
WILLIAM E. EVERITT, Esq., Edgbaston, Birmingham, Director of the Metropolitan
Railway Carriage and Wagon Company.
RALPH HEATON, Esq., The Mint, Birmingham, Director of the Birmingham Banking Company.

ing Company.
WILLIAM HOLLIDAY, Esq., Edgbaston, Birmingham, Director of the Metropolitan
Railway Carriage and Wagon Company.
J. BREAKLEY PAYN, Esq., Handsworth, Director of the Birmingham Wagon Com-

pany. JAMES WATSON, Esq., Edgbaston, Birmingham, Director of the Birmingham Bank-

ing Company.

F. I. WELCH, Esq., The Firs, Moseley, Director of the Midland Wagon Company.

BANKE'S.

The Birmingham Banking Company, at Birmingham, Dudley, Waisail, Wednesbury,

The Birmingham Banking Company, a Concester.

The Gloucestershire Banking Company, Gloucester,
Solicitor—Francis Sanders, Esq., Dudley.

Auditors—Messrs. Roberts and Malins, accountants, Birmingham.
Brokers—The members of the Birmingham Stock Exchange.

SECRETARY—R. Henry Ryland, Esq.

TEMPORARY OFFICES,—3 and 4, EXCHANGE BUILDINGS, BIRMINGHAM.

This company has for its object the manufacture and production, on an extensive scale

of railway wheels, axies, tyres, springs, rails, and other steel and ironwork generally an anaectenize search, and the construction of railways and railway rolling stock, and the erection of works, machinery, and plant, saitable for the purpose.

The rapid extension of the railway system at home and abroad, and the fact that the system of the purpose ources of supply are unequal to the present demand, afford sufficient reason

The rapid extension of the Failway system is under all the rapid extension of the setablishment of supply are unequal to the present demand, afford sufficient reason for the establishment of this company.

The directors are in treaty for an eligible site for the works, with adjoining railway and canal accommodation, in the contro of the coal and iron district of South Staffordshire. Plans are aiready in preparation under the superintendence of an eminent engineer, and it is confidently expected that the works will be in operation in the course of the present year.

This memorandum and Articles of Association have been registered, and may be inspected at the offices of the company.

A large proportion of the capital has been aiready subscribed by practical men, who feel confident of the success of the undertaking.

Applications for the remaining shares may be made in the annexed form to the bankers, solicitor, brokers, and secretary of the company, on or before thursday, the 22d day of March Inst., after which day no further applications will be received.

Should a less number of shares be alloted than is applied for, the deposit will, so far as required, be appropriated towards the payment due on allotment. If no allotment is made the amount deposited will be returned without deduction.

Dated thisday of.......1866

Miners' Association.

MINERS' ASSOCIATION.—At a MEETING of the Agents of the Liskeard and Tavistock Districts, held at Chubb's Hotel, Plymouth, on Wednesday, March 7th, for the purpose of taking into consideration the future course of section to be adopted in reference to this society.

Capt. PETER CLYMO, of South Caradon Consols, in the chair.

The following resolutions were unasimously passed:—

Proposed by Capt. Richards, seconded by Capt. Skrwis:—

That inasmuch as any interference with the liberty of the unier to using his discretion in hidding for a bergain would be altogether contrary to the spirit and mode of setting in Devon and Cornwall, this meeting cannot recognise any society which shall have the three objectionable amended rules, Nos. 9, 10, and 11, of the Miners' Association, which this meeting considers would be prejudicial to the proper management of mines.

setting in Devon and Cornwall, this meeting cannot recognise any society which shall have the three objectionable amended rules, Nos. 9, 10, and 11, of the Miners' Association, which this meeting considers would be prejudicial to the proper management of mines.

Proposed by J. Bayer, Esq., seconded by W. G. Gard, Esq.:—

That the manager of each mine at each setting, to commence from this date, shall publicly state, before the men assembled, that no man, the subscriber to the amended roles Nos. 9, 10, and 11, will be allowed to settle in any pitch or bargain, and that each man offering on any pitch or bargain will be individually asked, on taking, whether he subscribes to these rules or not, and on his reply that he does, or refusing to reply, his offer shall not be accepted; and men only that publicity refuse to subscribe to those rules shall be allowed to settle in the mine. Should they settle, and should it afterwards be found that they have joined such association, they shall be forthwith removed from their pitches or bargains.

Proposed by T. S. DYMOND, Esq., seconded by Capt, James Richards:—

That this meeting deeply laments that any differences should exist between the proprietors, agents, and men employed on mines, and that nothing but a deep sense of the lasting injury that would be indicted on all concerned compels the rejection of the particular rules.

Proposed by Capt, James Richards, seconded by Capt, James Donald:—

That this meeting will give its hearty support to any purely benefit society for the assistance of the old, injured, weak, or infirm, provided no rules shall be admitted which has any tendency to interfere with the working and management of mines.

Proposed by W. G. Gand, Esq., seconded by John Bayer, Esq.:—

That a committee be formed for the purpose of taking into consideration the propriety of establishing's deernal Association of the lords, shareholders, agents, and miners, and others connected with mines as "burtor sick pay" be applied in aid of such fund; and that the committee

where required.

It was proposed and seconded:—That the foregoing resolutions be advertised in the
"Western Morning News," "Western Daily Mercury," "Cornwall Gazette," "West
Briton," and "Mining Journal."

PETER CLYMO, Chairman.

BARROW HEMATITE STEEL COMPANY

(LIMITED).

HEAD OFFICE AND WORKS,
BABROW-IN-FURNESS, LANCASHIRE.
BRANCH OFFICES,
No. 2, GREAT GEORGE STREET, WESTMINSTER,
No. 73, ST. VINCENT STREET, GLASGOW.
Mo. 44, QUEEN STREET, WOLVERHAMPTON,
DIRECTORS.

MIS Grace the DUKE OF DEVONSHIRE.—CHAIRMAN,
LORD FREDERICK CHARLES CAVENDISH, M.P.
HENRY WILLIAM SCHNEIDER, Esq., M.P.
WILLIAM CURREY, Esq.
FREDERICK ILTID NICHOLL, Esq.
JAMES RAMSDEN, Esq.—MANAGING DIRECTOR.
SECRETARY—FRANCIST. Rolls, Esq.
MANAGER—J. T. Smith, Esq.

This company was originally formed for the manufacture of steel under the Bessemer process, from the furnaces of Messrs. Schnelder, Hannay, and Co.
The company have since arranged for the transfer to them, on the 1st January, 1866, of the Hemsitic Iron Ore Mines and Furnaces belonging to that firm. In addition to the supply of iron ore and hemsitic pig-iron, and the manufacture of steel ralls, which was the primary object of the company, they manufacture tyres and axies.

x.ies. Plates for shipbuilding, boilers, girders, bridges, and roofs. Bars, angles, guns, and forgings of every description in steel.

THE GAS-HEAT AND PURE LIGHT COMPANY (LIMITED). Capital £5000, in 2000 shares of £3 each. £1 to be paid on application, £1 on allotment, the remainder in not less than three months.

Incorporated under the Companies Act, 1862, with limited liability.

Applications for the remaining shares will be received until the 31st March, 1866, at the offices of the company, 28, Poultry, London, E.C., where prospectuses may be obtained.

TO MINE, SLATE QUARRY, AND RAILWAY COMPANIES.—CAPT. C. WILLIAMS IS NOW OPEN to UNDERTAKE ALL KINDS OF CONTRACTS, such as DRIVING LEVELS, SINKING SHAFTS, CONSTRUCTING WATER COURSES, CANALS, TRAMWAYS, &c., and ERECTING ALL SORTS Of MACHINERY for MINING and OTHER PURPOSES, having on hand at all times a first-class staff of miners and machinists, who will proceed to any part of the world upon the shortest notice.

N.E.—In all cases 30 per cost. will be left in hand until the work is complete. Tyn-y-Wern, Taltesin, via Shrewsbury.

WASHOE AND REESE RIVER MINES.—The UNDERSIGNED, being established in GOLD HILL, near VIRGINIA CITY NEVADA. as MINING SURVEYORS, CHEMISTS, and ASSAYERS, OFFER THEIR SERVICES to MINING COMPANIES and GENTLEMEN in ENGLAND, having interests in the above-named districts.

Mines examined and resorted on, at a scale of charges which obviously ensures a large saving upon the costs (in iees and travelling expenses) of special agents sent from England. Telegrams (arriving from London in 14 days) promptly attended to.

W. T. RICKAED, F.C.S., M.G.A., &c. (idea Mitchell and Rickard, London), CONRAD WEIGAND (late Supervising Assayer of the United States Mint, San Francisco).

San Francisco).

London Agent: -T. W. Burr, Esq., 12, Paternoster-row.

MINES IN NEVADA, U.S.—MR. J. T. P. PECHEY, o VIRGINIA CITT, NEVADA, will INSPECT and REPORT on MINES in that STATE, and in CALIFORNIA, and will NEGOTIATE SALES of MINING PROPERTIES. Refers by permission to C.O. ROZERS, Esq., Secretary of the Mariquita and New Granada Mining Company (from whom terms can be obtained), and also to the Editor of the Mining Journal.

Now ready, crown Svo., price 2s. 6d., a Treatise
(Dedicated, by permission, to the Right Hon. Lord Berners)
THE EXTENSION OF THE ENGLISH COAL FIELDS
BENEART HE SECONDARY EXPONDED OF MALE BENEATH THE SECONDARY FORMATIONS OF THE MIDLAND COUNTIES.

DOES COAL EXIST NEAR LONDON, GEOLOGICALLY CONSIDERED.

By JOSEPH HOLDSWORTH, Esq., M.G.S., &c., &c.

London: Published at the Mining Journal office, 26, Fleet-street, London, E.C.

THE CONSERVATIVES AND "LIBERALS:
THEIR PRINCIPLES AND POLICY.
By J. H. MURCHISON, Eq.
London: Saunders, Otley, and Co., 68, Brook-street, W.

Joint-Stock Companies, and How to Form THEM:

Deing a second edition of the "HANDY BOOK ON PUBLIC COMPANIES." By THOMAS TAPPING, Esq., of the Middle Temple, Barrister-at-law, and author of several works on Public Companies' Law, and the Laws and Customs of Mining.

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HOPTON'S CONVERSATIONS ON MINES BETWEEN "A FATHER AND SON." Second edition, improved, revised, and enlarged from to 174 pages. Surveying mines with the theodolite and the disl, and also laying kings on plan, illustrated; with nomerous plans on ventilation and the working or , 2s. 5d. se had at the Mining Journal office, 26, Fleet-street, London.

THE MINES OF CORNWALL AND DEVON
STATISTICS AND OBSERVATIONS, for 1865.
By THOMAS SPARGO, Mining Engineer, Stock and Sharebroker,
Gresham House, Old Broad-atreet, London, E.C.

GOVERNMENT SECURITIES, JOINT-STOCK BANKS, RAILWAY DEBENTURES AND BONDS, COLONIAL SECURITIES FOREIGN BONDS, AND BRITISH MINES.—Massas. TREDINNICK AND CO. of 78, LOMBARD STREET, LONDON, E.C., may be consulted confidentially as the eligibility of all bond Ade investments. A selected list forwarded on application.

M ESSES. TREDINNICK AND CO., STOCK AND SHAREBROKERS, AND DEALERS IN BRITISH MINING SHARES, 75, LOMBARD STREET, LONDON.

"THE CITY HIVE."—A JOURNAL of Commerce, Banking, and Mining. Price 1d

In the Court of the Vice-Warden of the Stannaries.

IN the MATTER of the COMPANIES ACT, 1862, and of the WEST CLIFFORD UNITED TIN AND COPPER MINING COMPANY (LIMITED).—By an order made by the Vice-Warden of the Stannaries in the above matter, dated the 2d day of March inst., en the petition of Michael Robert Michell, of St. Day, and Thomas Michell, of Kedruth, both in the county of Cornwall, it was ordered that the said WEST CLIFFORD UNITED TIN AND COPPER MINING COMPANY (LIMITED) be WOUND-UP by this Court, under the provisions of the Companies Act, 1862.

Dated Truro, 7th March, 1866. (Solicitor for the Petitioners).

In the Court of the Vice-Warden of the Stannaries

IN the MATTER of the COMPANIES ACT, 1862, and of the FENHALE MOOR MINING COMPANY.—Notice is hereby given, that ALL CREDITORS of the ABOYE-NAMED COMPANY are REQUIRED, on or before the 21st day of March inst., to SEND in THEIR NAMES and ADDRESSES, and the AMOUNTS and PARTICULARS of THEIR SEVERAL CLAIMS, to William Michell, E4q., the Registrar of the said Court, at Truro,—Dated Truro, 8th March, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL HEARLE MINING COMPANY.—Notice is hereby given, that ALL CREDITORS of the ABOVE-NAMED COMPANY are REQUIRED, on or before the 21st day of March lost., to SEND in THEIR NAMES and ADDRESSES, and the AMOUNTS and PARTICULARS of THEIR SEVERAL CLAIMS, to William Michell, Eaq., the Registrar of the said Court, at Truro.—Dated Truro, 8th March, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the NORTH FRANCES MINING COMPANY.—Notice to hereby given, that ALL CREDITOR's of the ABOVE-NAMED COMPANY are REQUIRED, on or before the 21st day of March inst., to SEND in THEIR NAMES and ADDRESSES, and the AMOUNTS and PARTICULARS of THEIR SEVERAL CLAIMS, to William Michell, Eaq., the Registrar of the said Court, at Traro. Dated Traro, 8th March, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

Stannaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the NORTH FRANCES MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of the said Court, BY FUBLIC AUCTION, on Tuesday, the 20th day of March inst., at Eleven o'clock in the forenoun, at North Frances Mine, in the parish of Hogan, within the said Stannaries, either together or in lots, the MINE SETTS or GRANTS of the said CoMPANY, and the undermentioned MINING MACHINERY and MATERIALS, viz.:—ONE 30 in. cylinder PUMPING ENGINE, with BOILER about 10 tons.
ONE 20 in. WINDING ENGINE, single, with BOILER 6 tons.
2 capstans, shears, balance-bobs, I angle bob, 120 fms. fron rods, I shaft tackle, whim chain about 200 fms. pluvork, scales and weights, smiths and miners' tools, new and old imber, and new and old iron, together with the account-house and office furniture, and a variety of other articles and effects in general use in mines.

Further particulars may be had on application to Mr. Tonkin, the officer of the Court in possession.

S. T. G. DOWNJING, Redruth (Agents of the Petitioner).

HODGE, HOCKIN, AND MARKACK, Traro, Cornwall (Agents of the said Solicitor).

Dated Registrar's Office, Truro, March 7th, 1886.

In the Court of the Vice-Warden of the Stannaries: Stannaries of Cornwall.

Standaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the WHEAL HEARLE MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of the said Court, BY PUBLIC AUCTION, on Tuesday, the 27th day of March instant, at Eleven o'clock in the forence, at the Wheal Hearie Mine, in the parish of St. Just-in-Penwith, within the said Standaries, either together or in lots, the MINE SETTS or GRANTS of the said COMPANY, and the UNDERMENTIONED MINING MACHINERY and MATERIALS, viz.:—
ONE 30 in c. ylinder PUMPING ENGINE, with ONE BOILER, 9 tons, with 24 heads tamps, iron axie.

1 balance bob, 30 ft. beam, wood.
1 shears, 10 fms., with policys, &c., iron.
1 capatan, connected with engine, with 150 fms. 1½ in. flat rods, with 30 small pulleys, with 25 stands.
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Pole case, with staffing-box and gland.
3 H pieces, 3 turn pieces, 3 windbores.
1 4½ in. pole, with iron stocking connections, &c.
Pole case, with stuffing box and gland.
1 H piece, 1 windbore.
2 smiths bellows, 1 37 in. and 1 34 in.
anvil and vice.
1 screw stock, 8 taps, screws, and plates. 9-16 chain.

280 fms. 3 in. wire rope, with guy chains.
A quantity of smiths' and miners' tools, a large quantity of pitwork, several wood sheds, new and old timber, new and old iron, drawing lift, 1 6½ in. working barrel, 1 door piecs, it windbore, 1 6½ in. backet brass, 6 fms. connected to stamps, 1½ in. backet or piecs, it windbore, 1 6½ in. backet brass, 6 fms. connected to stamps, 1½ in. backet brass, 6 fms. connected to

Dated Registrar's Office, Truro, March 7, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN RE NANGILES MINE.

v. Dower, dated the 15th day of January last, at the Registrar's Office, at Truro, on Wednesday, the 21st day of March inst., at One o'clock in the afternoon, 1 (102th) PART or SHARE of the defendant, Of and in the said Mine.

Dated Registrar's Office, Truro, 8th March, 1866, (Piaintif's Solicitor). IN RE NANGILES MI

In Chancery.

RE CLEVELAND IRON COMPANY (LIMITED), WHITBY, YORKSHIRE.
THE NEW IRON FIELDS OF ENGLAND.

THE NEW HON FIELDS OF ENGLAND.

THE NEW HON FIELDS OF ENGLAND.

MESSRS. FURBER AND PRICE are instructed by Frederick Whinney, Esq., the Official Liquidator, with the approbation of his Lordship the Master of the Rolls, to SELL, BY AUCTION, at the Angel Inn, Whitby, Yorkshire, on Wednesday, March 14, 1866, at Two for Three offices, precise time, the Valushire, on Wednesday, March 14, 1866, at Two for Three offices, precise time, the Valushire, on Wednesday, March 14, 1866, at Two for Three offices, precise time, the Valuship of Commondate, in the Civetand Railway, to comprising an area of 218 acres, lying in and under certain Farms, called Skiederscugh and Fowle Green, in the township of Commondate, in the Civetand Railway, to which it adjoins, and is connected by a slding. A well-executed shaft, of 4 yds. diameter, has been sunk to the depth of 121 yds., under the superintendence of Mr. Seckton, the well-known mining engineer, at which the main seam of ironatone is found, of very superior quality, and of the unautal thickness of 12 ft. The works are ready for immediate profitable working. The lease is for 99 years, the royalty only 4/4d, per ton, and the purchasers will be entitled to raise 49,000 tons of ironatone free of royalty.

The mine and works may be viewed on application to Mr. Warson, the resident manager, of whom particulars and conditions of sale may be obtained; as also of F. Wiinner, Esq., official liquidator, 5, Serie-arteret, Lincoln's-linn; Messra. Darane, Chush, and Saunders, solicitors, 14, South-square, Gray's-linn; at the Angel Inn, Whitby; and at the auction and estate offices, Warwick-court, Gray's-linn;

FREEHOLD ESTATE, GLAMORGANSHIRE.

TO BE SOLD, pursuant to a Decree of the High Court of Chancery, made in a Cause of Thomas v. Dixle, with the approbation of His Honour the Vice-Chancellor, Sir Richard Torin Kindersley, by Mr. John Howell Thomas, at the Thomas's Arms Hotel, in the town of Lianelly, in the county of Carmarthen, on Toursday, the 5th day of April, 1866, at Two Joick in the sitermoon, in One Lot, A FREE-HOLD ESTATE, consisting of all those three several messages or tenements of lands, formerly called or known by the several mane: of Tyr David William Gronow, otherwise Sylbin, Penybout-P-Garman, and Penybout-P-Cappel, now held as one message wise Sythin, Penybont-y-Garnant, and Penybont-y-Cappel, now held as one messuage and tenement of lands, and known by the nems of Penybont Newydd, now in the possession of John Thomas or his undertenants, containing 82 scres, or theresbouts, of good arable and pasture land, situate in the parish of Liandilotalybont, in the county of Glamorgan, including upwards of 14 acres of thriving young oak timber, of exceedingly fast growth, and which will soon become of great value.

There are rights of common over an extensive common, called Crayg Fawr, adjoining the estate on the south.

Upon the estate there is a substantial swelling-house and suitable farm-bull ind underneath are valuable veins of coal and other minerals, which may be a ageously and profably worked; and there is also an excellent stone quarry of and flag stones. te there is a substantial dwelling-house and suitable farm-buildings,

and flag stones.

The property is very favourably situated, the railway passing through it, and only a mis and a half from a railway station, within 12 miles of the thriving port Lianelly, and 13 miles from Swanses, and within easy distance of very extensive limeworks.

The Longbor River, in which there is excellent fishing, skirts a considerable portion of the land.

of the land.

Particulars and conditions of sale may be bad in the country, of Mr. MARMADUR
TENSART, solicitor, Aberavon, Glamorganshire; Mr. George Thomas and Mr. Lew
Morris respectively, solicitors, Carmarthen; and of the sauctioneer, at Carmarthen,
the country of Carmarthen, and at the place of sale; and in London, of Mr. Staffor
Baxter Sommerville, 48, Lincoln's Inn-fields, the plaintiff's solicitor; Meers. Childre
and Co., 25, Chancery-lane; and Meers. Norris and Allers, 29, Bedford-ove
J. A. BUCKLEY, Chief Clerk.

FALMOUTH SMELTING WORKS, admirably adapted for any other amelting or large manufacturing cher smelting or large manufacturing purposes, and in close proximity to the Falmouth Railway and Docks, FOR SALE, BY PRIVATE CONTRACT.—Apply on the works; or for particulars, to John Darlington, Esq., Moorgate-street Chambers, 49, Moorgate-street, London, E.C. BANGOR—THE TANYBWLCH SLATE QUARRY, in close proximity to the cele-brated Penrhyn Quarries, and forming one of the four Bangor Slate Quarries.

VALUABLE MINE MATERIALS FOR SALE.

VALUABLE MINE MATERIALS FOR SALE.

NR. R. KERBY WILL SELL, BY AUCTION, on Wednesday, the 14th of March next, at Twelve o'clock at noon precisely, at WHEAL LOYELL MINE, in the parish of Wendron, about three miles from Helston, on the Falmouth Road, the undermentioned VALUABLE MACHINERY and MATERIALS thereon, consisting of a 50 in. CYLINDER ENGINE, with TWO BOILERS, 9 tons each; a 17½ in. STEAM WHIM, and ONE BOILER, 9 tons; a 24 in. STEAM STAMPS, with twelve heads, and BOILER, 8½ tons; stamps' axis for twelve heads; two stamps' frames; about 25 fms. of 10 in. handers (nearly new); shaft bob, small balance bob, four pair bridles, stamp drags, 12 pulles and stands.

1 in. hepice 11 in. hepice 11 in. hepice 12 in. ditto 1 in. plunger pole 1 in. ditto 1 in.

40 7 in. 9 ft. planps
40 7 in. 9 ft. planps
6 8 in. 9 ft. ditto
10 in. 9 ft. ditto
11 in. 9 ft. ditto
11 in. 9 ft. ditto
12 in. 9 ft. ditto
12 in. 9 ft. ditto
13 in. ditto
15 in. ditto
16 in. ditto
18 in. H-piece
11 in. H-piece
11 in. H-piece
11 in. ditto
19 in. ditto
19 in. ditto
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solicing a purchase accessory to a constraint of the engines.

N.B.—The boilers and stamps' axle, if desired, will be sold independent of the engines.

Any further information may be had on application to Capt. Phillips, on the mine; or of the Auctioneer, at his office, Meneage-street, Heiston.—March 1, 1866.

FINAL SALE AT EAST MARGARET MINE, LELANT, NEAR ST. IVES ROAD STATION.

MR. BURGESS, Land and Machinery Valuer, is instructed to SELL, BY PUBLIC AUCTION, at EAST MARGARET MINE, on Tuesday, March 20, at Eleven o'clock in the forenoon, ALL the MATERIALS on the said mine, 8 arm capstan.
3 horse whims.
Horse whim and steam whim chain,
200 fms. Iron and wood stave ladders,
Steam and borse whim skips.
2 crab winches.
Wood and Iron tram wagons,
Faggotted strapping plates.

A large quantity of 9 ft. pumps, of the following sizes, 7, 9, 10, 11, and 12 in. Plunger and sottoms to match.
2 12 ft. sheaves for wire ropes.
4 ft., 2 ft., and 18 in. sheaves. Paggotted eyes, $\begin{cases} 2\frac{1}{3} & \text{in.} \\ 1\frac{1}{6} & \text{in.} \end{cases}$ sizes. Joints and pins, $\begin{cases} 1\frac{1}{6} & \text{in.} \\ 1\frac{1}{6} & \text{in.} \end{cases}$

SMITHS' Screw tools, screw stock.
Rod and flange boits. TIN DRESS

Launders, trunks, and buddles.
Fire and common brick. Dressing tools.

A quantity of tin frames (various).

A quantity of timber, and the account-house furniture.

Any further information may be obtained of Mesers. Higgs and Son, pursers, Penance, or the agent, on the mine.—Dated March 7, 1866.

STOCKS MARSH COLLIERY.

MESSRS. ALEXANDER AND DANIEL WILL SELL, BY

MESSRS. ALEXANDER AND DANIEL WILL SELL, BY AUCTION, at the George Hotel, Shepton Mallet, in the County of Somerset, on Tuesday, the 27th of March, 1866, at Three o'clock in the afternoon, subject to the conditions of sale to be then and there produced, unless an acceptable offer shall be made for the same in the meantime, by private contract, and of which due notice will be given, all that VERY VALUABLE and PROMISING COLLIERY and WORKS, called the STOKES MARSH COLLIERY, situate at Stocks Marsh, in the parish of Ashwick, in the County of Somerset, with the STEAM ENGINE and other MACHINERY, FIXTURES, and FLANT belonging thereto.

The above valuable colliery is held for the residue of a term of forty-one years, commencing from the 19th of August, 1863, subject to the royalty of one-tenth on the amount of sales. The shaft is sunk to the depth of about 100 yards, and branches have been driven, in which five veins of coal have been cut, and it is believed that about te more seams of coal are above and underneath, with large deposits of excellent tronstoes and fire-clay and surface-clay, suitable for the manufacture both of fire and building bricks of first-trate quality. The extent of the mineral lands comprised in the lease is between 16 and 17 acres, and it is believed that further extensive mineral lands cat without difficulty be procured and added thereto, the Stocks Marsh Colliery forming the key to a large mineral district, which is second to none in the South of England.

The property is situated within four miles of Shepton Mailet, four miles of England.

The property is situated within four miles of Shepton Mailet, four miles of Radstock, ten miles of Frome, eight miles of the City of Wells, and eighteen miles of the City of Bristol; to Marsh. Calers, Woodoock, and Ryland, 14, Lincoln's Inn-dedds, London's Marshes, Hotels, and eighteen miles of the Gity of Bristol; to Messys. Clashes, Woodoock, and Ryland, 14, Lincoln's Inn-dedds, London's Inn-dedds, London's Marshes, Bristol; to Messys. Clashes, Woodoock, a

ithin a few yards of the pit.
For further particulars and conditions of sale apply to the Auctioneers, Broad-street,
Fistol; to Messrs. CLARKS, Woodcock, and RYLAND, 15, Lincoln's Inn-fields, Londos;
Mr. MacKay, solicitor, Shepton Msilet; Mr. Murr, solicitor, Langport; or to Mr.
ad 17, solicitor, Shannon Court Chambers, Bristol.

COLLIERY, LIMESTONE QUARRIES, WHARVES, LAND, and HOUSES, situate at BRYNMAWR and LLANELLY, BRECONSHIRE, SOUTH WALES.

at BRYNMAWR and LLANELLY, BRECONSHIRE, SOUTH WALES.

M.R. HENRY VENNOR is instructed to SELL, BY PUBLIC
AUCTION, at the Angel Hotel, Abergavenny, on Wednesday, April 4, 1884,
at Eleven for Twelve o'clock precisely, the undermentioned VALUABLE LEASEHOLD
PROPERTIES, in one or more loss, as may be agreed upon at the time of sale:—
Lot 1.—All that VALUABLE COLLIERY, known as the HAVOD COLLIERY,
situate near Brynmawr and Nant-y-Glo, and eight miles from the town of Abergavens,
and adjoining the Merthyr, Tredegar, and Abergavenny Rallway, and connected there
with by a short branch and sidings.

This property extends under 198 acres of land, and contains the seams of coal known
as the YARD, the BYDELOG, and the THREE CUATER, which are of excellent
quality, and in the highest repute as smiths' and house coal, all worked by levels, which
are well opened and in capital working order, and capable of yielding 150 tons a 43.
Heid under three leases, at fixed rents and royalties, for terms of years which expires
the 25th day of March, 1878.
This colliery has been opened for half a century, and there is a well-established trade

Held under three leases, at fixed rents and royalties, for terms of years which expire the 25th day of March, 1878.

This colliery has been opened for half a century, and there is a well-established trade connected with it. It is computed by a recent survey to contain about 300,000 tons of coal. The tram plates and plant on the premises to be taken at a valuation, in the usual way, or to be included in the purchase, if so arranged at the time of sale.

LOT 2.—All that LIMESTONE QUARRY, with two large and most substantial LIME KILNS recently preceded, and an incline and sidings recently placed at a very heavy cost, situate near the Clydach station of the Merthyr, Tredegar, and Abergavenny Railway, and connected therewith. This property extends over 15 a. 1 n. 24 r. of land, and contains the valuacib beds of white and grey limestone, of excellent quality, in high reputs for smelting purposes, and also for agricultural purposes, for which there is a gree and increasing demand. Held under a lease from his Grace the Duke of Beaufort, if a term of 21 years, from 25th of March, 1863, at fixed royalties and a minimum rent of 450, to be increased to £120 after the expiration of the first seven years of the stree.

Lot 3.—All that COAL WHARF, with the four dwelling-houses, stables, outbullings, gardons, limeklins, and a piece of arable isnd, containing together about 5 arms more or less, situate at Lianelly, on the canal bank. Held on lease for the residue of term of 99 years, from the 31st December, 1793, at the yearly rent of £10 10s.

Lot 4.—All those TWO LIMESTONE QUARRIES at Blackrock on 38 acres of last containing the dark and white stone, together with a cottage and land, and a stract at yearly rents amounting to £14 4s.

For further particulars, apply to Messrs. WALFORD and Gamp, solicitors, Abergavenny, at the series of the property of the series of the series

TO MINE AGENTS AND OTHERS.

TO MINE AGENTS AND OTHERS.

ROR SALE, BY TENDER, in One Lot, by order of the Liquidator, all the MINING MATERIALS and STORES on the WEST CLOGAU MINE, attuate at BONTDDU, halfway from Dolgelly, on the high road to Barmouth, North Wales, comprising a wood shed, 74 ft. long and 38 ft. wide; a wooden house, 45 ft. long and 15 ft. wide, comprising four compartments; 1 wrought from vertical BOILE, 10 ft. 6 in. high and 8 ft. 9 in. circumference; 6 Moshelmer's amalgamating pans as gear completes, 1 Moshelmer's stamps, 4 heads with driving pulleys, a 2 feet turbing (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 12 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 45 feet of waterfall pumps complete, with turned shelf (Wull's patent), 15 valves; 15 valves;

REMPRY, as above. Iquidator does not bind himself to accept the highest or any tender

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THE

IMPORTANT REDUCTION IN THE PRICES OF PORTABLE ENGINES FOR 1866.

CLAYTON, SHUTTL IS WORTH, AND CO., ENGINEERS,

MANUFACTURERS of PORTABLE and FIXED STEAM ENGINES, MA.

JHINERY for PUMPING, HOISTING, GRINDING, SAWING, &c.

ENGINES for STEAM CULTIVATION, SELF MOVING: ENGINES for COMMON ROADS, and AGRICULTURAL PURPOSES GENERALLY.

STAMP END WORKS, LINCOLN, and 78, LOMBARD STREET, LONDON.
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LOWENGASSE No. 44, LANDSTRASSE, VIENNA, and GEGENUBER DEM
BAHNHOF, PESTH.

Descriptive, illustrated, and priced catalogues free per post,
Special Drawings when required.
THE BEST STEAM THRASHING MACHINERY MADE.

PORTABLE ENGINES.—CLAYTON, SHUTTLEWORTH, and Co. beg to announce that they have made a CONSIDERABLE REDUCTION in the PRICE of their PORTABLE STEAM-ENGINES.

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TURNING TOOLS, CHISELS, &c.
CAST STEEL PISTON RODS, CRANK PINS, CON-NECTING RODS, STRAIGHT and CRANK AXLES, SHAFTS and FORGINGS of EVERY DESCRIPTION.

DOUBLE SHEAR STEEL,
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Locomotive Engine, Railway Carriage and Wagon Springs and Buffers. SHEAF WORKS AND SPRING WORKS, SHEFFIELD.
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Where the largest stock of steel, files, tools, &c., may be selected from.

PATENT PLUMBAGO CRUCIBLES.

THE PATENT PLUMBAGO CRUCIBLE COMPANY, BATTERSEA WORKS.
LONDON, S.W., have just received from Messars. James Mine and Son, Gas-Meter
Manufactory, Canongate, Edinburgh, one of their PATENT PLUMBAGO CRUCIBLES
(capacity 70 lbs.), from which has been obtained 93 heats. Messars. Mine and Son say

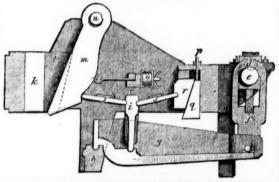
"the largest number they have ever taken out of a cracible."

Price Lists, Testimonials, &c., on application.

C H A R L E S D A V E Y A N D C O.

SAFETY FUSE MANUFACTURERS,
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BLAKE'S PATENT STONE BREAKER OR ORE CRUSHING MACHINE, FOR REDUCING TO SMALL FRAGMENTS ROCKS ORES, AND MINERALS OF EVERY KIND.



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It is rapidly making its way to all parts of the globe, being now in profitable use in Esiliornia, Washoe, Lake Superior, Australia, Cuba, Chili, Brazil, and throughout the United States and England.

The above section illustrates Blake's Stone Breaker, just as made the last five years and is fully protected in every part by patents.

Extract from Specification:—A short but powerful wibration is imparted to one or both of the jaws by any convenient arrangement, and combination of powerful levers worked by a crank or eccentric on the main shaft.

LEGAL PROCEEDINGS will be taken at once against any person or persons found making, using, or vending any machine, the construction of which will constitute an infinity of the property of the state opper or a stone per house.

Kirkless Hall, near Wigan.—Each of my machines breaks from 100 to 120 tons of limestone or ore per day (10 hours), at a saving of 4d. per ton.

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General Frémont's Mines, California.—The 15 by 7 in. machine effects a saving of the hardest copper or a stone per hour.—The 15 by 7 in. machine effects a saving of the labour of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machine? He save of the state of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machine? He compelies a saving of the state of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by t

your invention is shown by section in this estate.

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MEADOW LANE, LEEDS.
Only maker in the United Kingdom.

£250,000 HAVE BEEN PAID AS COMPENSATION FOR ACCIDENTS OF ALL KINDS BY THE RAILWAY PASSENGERS' ASSURANCE COMPANY. Invested capital and reserved fund, £50,000, Annual income, £85,000.

An Annual Payment of £3 to £6 5s. secures £1000 in case of Death, or £6 per week white laid up by Injury.

For particulars apply to the Local Agents, at the Railway Stations, and Offices, -64, CORNHILL, and 10, REGENT STREET.

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Now ready, price 5s.

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T A C K - N O T E."

Many enquiries have been made during the past few months for the form of TackNote published at the Mining Journal Office, to which the answer "out of print " and
reprinting" has been returned. The form may now be had upon application to the
lookselier to whom orders have been given, or will be forwarded direct from our office
on receipt of a remittance of 5s. by Post-office order.

London: Published at the Mining Journal office, 26, Fleet-street, E.C.

THE COUNTY PAPER.—County advertisements inserted by Authority of the

THE COUNTY PAPER.—County advertisements inserted by Authority of the Court of Quarter Sessions.

THE FLINT COUNTY CHRONICLE: A Mining, Agricultural, and General Advertiser for Mold, Flint, Rhyl, Holywell, Northop, Buckley, Hawardon, Saltney, and neighbourhood. The great success which has attended the publication of the "County Chronicle" justifies the proprietors in drawing the attention of advertisers to the special advantages it offers as an advertising medium. For the announcements of auctioneers, public companies, and tradesmen, it is the best in the county, having attained a circulation throughout Flintshire trebel that of all the other so-called loost papers combined. As a newspaper it contains full and impartial reports of all local events, and devotes particular attention to the mining and oil trade interests of the district—special articles appearing from week to week. Agriculture is not peticeted, the latest market reports being a distinctive feature of the paper, together with other matters of interest to the agriculturist. All communications should be addressed "To the Editor," Bromfield Villa, Maesydderwen, Mold.

THE CRESCULTORN AND HAPTULEPOOL MERCURY AND

THE STOCKTON AND HARTLEPOOL MERCURY AND MIDDLESBOROUGH NEWS (published at Hartlepool) is eminently the orgathe Coal, Iron, and Iron Ship-building Trades in the extensive Mining and Maritim strict of South Durbam and Cleveland, with which it has been closely identified sinc origin. The "Mercury" was for years the only newspaper published in South Dur and Cleveland, and is yet the eatly one published more than once a week. Adverments to be forwarded to the preference, Mr., John H. Bell, Southgate, Hartlepool.

NICHOLLS, WILLIAMS, AND CO., ENGINEERS,
BEDFORD IRONWORKS, TAVISTOCK.

-MANUFACTURERS OF STEAM ENGINES OF EVERY DESCRIPTION, made on
the BEST and NEWEST PRINCIPLES. We beg more especially to call the attention
of the public to the manufacture of our BOILERS, which have been tested by most of
our leading engineers. PUMP WORK CASTINGS of EVERY DESCRIPTION, both
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CHAINS made of best from, and warranted. MINERS' TOOLS and RAILWAY WORK OF EVERY DESCRIPTION.
ALL ORDERS FOR ABROAD RECEIVE their BEST ATTENTION. NICHOLLS,
WILLIAMS, and Co. have had 20 years' experience in supplying machinery to foreign
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FOR SALE.—A 36 in. cylinder ENGLINE, 10, stroke, with TWO 7 ton BOILERS,

FOR SALE,—A 36 in, cylinder ENGINE, 10 ft. stroke, with TWO 7 ton BOILERS, in good condition.

PATENT FLEXIBLE TUBING,
AND BRATTICE CLOTH FOR MINES,
MANUFACTURED BY
ELLIS LEVER,
WEST GORTON WORKS, MANCHESTER.

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COMPANY (LIMITED).
(LATE GILL AND CO.)
ENGINEERS, IRON AND BRASS FOUNDERS,
MANUFACTURERS OF
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AINS SHOVELS, EDGE TOOLS, AND EVERY DESCRIPTION OF CAST
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RAILWAY, OR AGRICULTURAL PURPOSES.
Machinery sent to all parts of the world.
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MANUFACTURERS of RAILWAY CARRIAGES and WAGONS, and EVERY
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Passenger carriages and wagons bull, either for cash or for payment over a

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CHIEF OFFICES,—OLDBURY WORKS, NEAR BIRMINGHAM.
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THE METROPOLITAN RAILWAY CARRIAGE AND WAGON COMPANY (LIMITED),

8 A L T L E Y WO R K S, B I R M I N G H A M.

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MANUFACTURERS of RAILWAY CARRIAGES, WAGONS, and RAILWAY

IRONWORK of every description.

RAILWAY CARRIAGES, WAGONS, and RAILWAY RAILWAY CARRIAGES and WAGONS built for CASH, or upon DEFERRED PAYMENTS EXTENDING over a period of from THREE to TEN YEARS.

A large number of COAL, IRONSTONE, BALLAST, and other WAGONS to be LET ON HIRE.

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THE BEVERLEY IRON AND WAGON COMPANY (LIMITED),
MANUFACTURERS OF RAILWAY CARRIAGES and WAGONS, WROUGHT and CAST IRON CARRIAGE and WAGONS, WROUGHT and CAST IRON CARRIAGE and WAGON WHEELS, AXLES, ILAMMERED USES, and HEAVY SMITHS' WORK for ENGINEERS, &c. BRASS and IRON FOUNDERS. MAKERS OF FORTABLE FARM RAILWAYS, TURSTABLES, CROSSINGS, SWITCHES, &c. AGRICULTURAL MACHINISTS. MANUFACTURERS OF FIELD, ROAD, and BARN IMPLEMENTS, PATENT LORRY, CART, and CARRIAGE WHEELS, with WOOD OF IRON NAVES. REAPING MACHINES, CLD CRUSHERS, CONNEMILS, &c. SAW MILL PROPRIETORS. GENERAL THMER CONNEMINES, THOME AND FOREIGN RAILWAYS, STATIONS, BARRACKS, EXHIBITIONS, &c.

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THE BIRMINGHAM WAGON COMPANY (LIMITED)

HIRE and SALE, by immediate or deferred payments. They have also wagons for hire capable of carrying 6, 8, and 10 tons, part of which are constructed specially for shipping purposes. Wagons in working order maintained by contract.

WAGON WORKS,—SMETHWICK, BIRMINGHAM.

*** Loans received on Debenture; particulars on application.

London Agent—Mr. E. B. Savile, 67, Victoria-street, Westminster, S.W.

O A L C U T T I N G MA C H I N E R Y.—
The WEST ARDSLEY COMPANY having, by recently patented improvements,
perfected their coal cutting machinery, worked by compressed air, are NOW READY
to MAKE CONTRACTS for the CONSTRUCTION and USE of their MACHINES.
The results of twelve months' experience in the working of these machines, by the
West Ardsley Company, have proved most satisfactory, their use being found to
CHEAPEN the COST and IMPROVE the average SIZE of the COAL, to LIGHTEN
the LABOUR, and also to MODIFY the SANITARY CONDITION of the MINE.
All communications to be made to Messys. Firth, Downsthorpe, and Bower, No. 8,
Ritannia-street, Leeds.

NOTICE.—The WEST ARDSLEY COMPANY, having reason to believe that their patents are being infringed upon harshy along treason to believe that their patents are being infringed upon, hereby give notice that hey will TAKE LEGAL PROCEEDINGS AGAINST ALL PARTIES who may MAKE FOR SALE, or USE ANY MACHINERY in the construction of which any uch INFRINGEMENT is MADE.

Patent Flat and Round Wire and Hemp Ropes, &c.

OHN AND EDWIN WRIGHT, PATENTEES,
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ESTABLISHED 1770.

Manufacturers of every description of IMPROVED PATENT FLAT AND ROUND WIRE ROPES,

IMPROVED PATENT FLAT AND ROUND WIRE ROPES,
From the very best quality of charcoal iron and steel wire.
PATENT FLAT AND ROUND HEMP ROPES,
SHIPS' RIGGING, SIGNAL AND FENCING STRAND, LIGHTNING CONDUCTORS, STEAM-PLOGGH ROPES (made from Webster and Horsfall's patent
steel), WIRE, HEMP, FLAX, ENGINE YARN. COTTON WASTE, &c
UNIVERSE WORKS, MILLWALL, POPLAR, LONDON.
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No. 2, OSWALD STREET, GLASGOW.
CITY OFFICE, No. 19, LONDON STREET, LONDON.

Swan Rope Works.

GARNOCK, BIBBY, AND CO.,
MANUFACTURERS OF FLAT and ROUND HEMP and IRON and STEEL WIRE
ROPES for MINING, RALWAY, and SHIPPING PURPOSES.
MANILLA RORE OF SUPERIOR QUALITY, FIFTY PER CENT. STRONGER
and THIRTY PER CENT. CHEAPER than Russian hemp rope.
WIRE ROPE of FIRST QUALITY WIRE, and the HIGHEST STANDARD of
STRENGTH.

BLASTING.

AS NOW ADAPTED BY LENK'S PROCESS

U N C O T T O

IS THE CHEAPEST AND SAFEST EXPLOSIVE,
AND FREE FROM SMOKE.

Frices and directions for use on application to the Manufacturers,
THOMAS PRENTICE AND CO.,
173, FENCHURCH STREET, LONDON, E.C.
MANUFACTORY, STOWMARKET, SUFFOLK.

First Class Silver Medal, Royal Polytechnic Society, Falmouth, 1864.

CREASE'S PNEUMATIC TUNNELLING ENGINE, for SUPERSEDING the SLOW and EXPENSIVE USE of MANUAL LABOUR IN SINKING SHAFTS, DRIVING LEVELS, TUNNELLING, &c., is guaranteed to drive through any rock of average hardness at a minimum rate of 1 fm. perdiem, and to sink shafts at the rate of 2 fms. in three days.

Mr. Crease will undertake contracts for sinking shafts, driving levels, &c., at an enrmous reduction of time and great saving in cost.

Applications to be addressed (for the present) to the patentee, Mr. E. S. Crease
Tavistock Devon.

IMPORTANT TO BRASS FOUNDERS, ENGINEERS, AND OTHERS.—The ONLY MEDAL for CRUCIBLES (London, 1862; and Dublin, 1865), was AWARDED to the PATENT PLUMBAGO CRUCIBLE COMPANY. The GREAT SUPERIORITY of the PLUMBAGO CRUCIBLE COMPANY of the PATENT PLUMBAGO CRUCIBLE COMPANY of the PATENT PLUMBAGO CRUCIBLE COMPANY on sists in their capability of melting on an average 40 pourings of the most difficult metals, and a still greater number of those of an ordinary character, some of them having actually reached the EXTRAORDINARY NUMBER of 93 meltings. These Crucibles never crack, become heated much more rapidly than any other description, require only one annealing, may be used any number of times without further trouble, chan are of temperature does not affect them, the metal is fused much more rapidly, saving time, fuel, labour, waste, &c. In these respects it is contended that, comparing the Patent Plumbago with the common Crucible, the saving of metal and fuel is equivalent to the cost of the Fatent Plumbago Crucible.

The company have recently introduced CRUCIBLES ESP ECIALLY ADAPTED for

bago Crucible.
The company have recently introduced CRUCIBLES ESP ECIALLY ADAPTED for the following purposes, viz.:—MALLEABLE IRON MELTING, the average working of which has proved to be about seven days; STEEL MELTING, which are found to save nearly 1½ tonof fuel to every ton of steef fueed; and for ZINC MELTING, lasting much longer than the ordinary iron pots, and saving the great loss which arises from mixture with iron.

Prices, &c., forwarded on application to
THE PATENT PLUMBAGO CRUCIBLE COMPANY,
BATTERSEA WORKS, LONDON, S. W.

International Exhibition, 1862-Prize Medal.



JAMES RUSSELL AND SONS
(the original patentees and first makers of wrought-fron
tubes), of the CROWN PATENT TUBE WORKS, WEDNESBURY, STAFFORDSHIRE, have been AWARDED
PRIZE MEDAL for the "good work" displayed in their
wrought-fron tubes and fittings.
Warehouse, 81, Upper Ground-street, London, S.

PICKFORD'S PATENT SAFETY-FUSE OBTAINED the PRIZE MEDALS at the ROYAL EXHIBITION of 1851, at the INTERNATIONAL EXHIBITION of 1862, in London, and at the IMPERIAL EXPOSITION held in Paris, in 1855.

BICKFORD, SMITH, AND CO.
TUCKINGMILL, CORNWALL, MANUFACTURERS of PATENT SAFETY-FUSE, having been informed that the name of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their mane of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to fuse not of their firm has been attached to

Prize Medals-London, 1862; Dublin, 1865.

THE PATENT PLUMBAGO CRUCIBLE COMPANY,
BATTERSEA WORKS, LONDON, S.W., draw attention to the following
opinions of their Patent Crucibles:—
Brass Founders, Gas-Meter, and Gas Apparatus Manufacturers,
Milton House, Edinburgh, December 17, 1860.
GENTLEMEN,—We have used for the last three years your Patent Plumbago Crucibles,
and find them in every respect superior to any that we have used.
Your obedient servants,
JAMES MILNE AND SON.

Coleford, July 2, 1860.

For iron and brass melting, your pots are worth double the value of any other melting pots ever brought into this market, and for these purposes we think them invaluable.

Your truly, ROBERT MUSHET.

Glass-Works, near Birmingham, October 15, 1858.

GENTLEMEN,—We have great pleasure in teatifying to the value of your Patent Piumbago Crucible, which we have been using for nearly twelve months past.

We have made on the average about 30 meltings in a crucible, often exceeding that number, and occasionally making as high as 60 meltings.

The properties they possess of bearing a sudden change of temperature without injury renders them particularly valuable.

Your obedient servants.

GEROTHERS AND CO.

Greenwich, June 27, 1864.

Greenwich, June 27, 1864.

We have tried your Patent Plumbago Crucibles, and although the first cost is high, re can testify to their being the safest and most economical we have ever used.

We are, gentlemen, your obedient servants, JOHN PENN AND SON.

Queen's Cross Brass Foundry, Dudley, June 10, 1864.

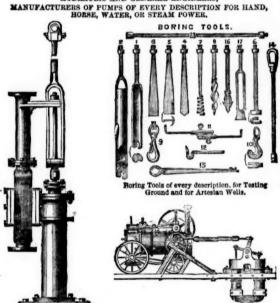
GENTLEMEN,—We have much pleasure in giving our testimony to the great superiority of your crucibies. We have constantly used them for the last four years, and find that we can melt with one of the 10-10-b, crucibles from 36 to 40 cwis. of our steel mixture for bearings, which we consider tries the pots much more than the ordinary brass or gun-metal. There is also a very considerable saving in fuel and time, as we now make one furnace do the same work that two formerly did with cla pots. There is also much less waste from oxidation, in consequence of the metal being so quickly melted; and, after having tried many kinds, we have no hesitation whatever in pronuncing them to be the best and most economical crucibles that can be used, and so long as the quality is as good as it has hither to been we shall on no account think of using any others.

We are, dear Sirs, faithfully yours.

We are, dear Sirs, faithfully yours,
W. WESTLEY AND SON.

Price List, &c., on application to BATTERSEA WORKS, LONDON, S.W. CLINTON AND OWENS (LATE B. FOWLER AND CO.),

WHITEFRIARS STREET, FLEET STREET, LONDON, E.C., HYDRAULIC AND GENERAL ENGINEERS.



B.FOWLER &C. Portable Engines with Double Barrel, or other Pumps, on Hire or Purchase. Improved Double-action Pumps.

Full information, Drawings, Price Lists, &c., relating to the above, and to Hydraulie achinery of all descriptions—Crabs, Pulleys, Blocks, and Hoisting Tackie of superior anumeture—may be had on applications.

B A S T I E R 'S P A T E N T C H A I N P U M P,
APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY
APPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE, FIRE, &c.

J. U. Bastirk begs to call the attention of proprietors of
mines, engineers, architects, farmers, and the public in general, to his new pump, the cheapest and most efficient ever
introduced to public notice. The principle of this new pump
is simple and effective, and tie action is so arranged that accidental breakage is impossible. It occupies less space than
any other kind of pump in use, does not interfere with the
working of the shafts, and unities lightness with a degree of
durability airnost imperishable. By means of this hydraulie
machine water can be raised economically from wells of any
depth; it can be worked either by steam-engine or any other
motive power, by quick or slow motion. The following
statement presents some of the results obtained by this hydraulie machine as daily demonstrated by use:—

1.—It utilises from 90 to 92 per cent. of the motive power?

2.—Its price and expenses of installation is 75 per cent.less
than the causi oumps employed for mining purposes.

3.—It couples a very small space.

4.—It raises water from any depth with the same facility
and economy.

5.—It traises with the water, and without the slightest in-

-It raises with the water, and without the slightest in-

tention.

BASTIER'S PATENT CHAIN-PUMP may be seen daily in operation at Messrs, Sanuel Berger and Co.'s Patent Rice Starch Works, Bromley-by-Row, London, E. Cards of admission to be had on application to the inventor and patentee, Mr. J. U. Bastier, C. E.; or to Messrs. J. Jacksow and Co., Engineers, 17, Gracechurch-atreet, London.

and Co., Engineers, I7, Gracechurch-street, London.

J. U. Bastier and Messrs. Jackson and Co. will CONTRACT to ERECT the PATENT PUMF, and will GUARANTEE IT FOR ONE YEAR, or will grant licenses to manufacturers, mining proprietors, and others, for the use of this Invention.

OFFICES, 17, GRACECHURCH STREET, LONDON.

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Published every Saturday, price 2d., or quarterly 2s. 2d

THE DAILY CHRONICLE AND NORTHERN COUNTIES ADVERTISER.

Published every morning, wrice 1d.

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193. High-street, Sunderland.

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R. SMITH, who has had twenty years' practical experience in the treatment of Debility, Spermstorrhoa, Disorders of the Nervous System, &c., has published A GUIDE (138 pages) for Solf-Care. Sent to any address on receipt of two stamps. Dr. SMITH may be consulted personally (or by letter) in all private and confidential cases.—Address, SMITH and Co., S. Burton-crescent, Euston-road, London W.C. Consultations daily from Eleven to Fire.

Manca 10 1866.

THE MINING SHARE LIST

	BRITISH DIVIDEND MINES.	elleryr -
814	ares. Mines. Paid. Last Pr. Business. Total divs Per Share. Last p.	
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[* Dividends paid every two months. † Dividends paid every three months.]

PRITISH MINES WITH DIVIDENDS IN ABEVANCE

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124	8 Boscas	well (tin	, copper), St.	Just 6	15 0						0-May	1864
284	0 Bosces	n (tin),	St. Just	20	10 0	- ::		8	6 10 0.	. 1 0	0-Mar.	1869
160	0 Brixha	m Hemai	tite Iron [L. £	8] 6	7 6				0 6 0.	. 0 6	0-Nov	1864
1:0	Carn B	rea (copp	per, tin), Illoga	in 19	0 0				0 10 0.	2 0	0-June	1864
25	6 Condu	rrow (cop	., tin), Cambon	rne 76	10 0			8	8 0 0	2 0	0-June	1852
345	Cook's	Kitchen	(copper),Illog	AD 18	18 9	434	4.5		1 7 0	0 7	0-May	1857
1024	Copper	Hill (co	pper), Redruth	12	0 0				2 7 6	_	-Sept.	1862
42000	Copper	Miners o	f England [200	00 £25 paid,	40000 £1	00 pald.	1				-	
1055	Craddo	ck Moor	(copper), St.	Cleer 9	17 0				7 12 0	0 4	0-June	1865
12800	Drake	Walls (ti	n, copper), Cal	stock 2	1 0	1	56 %		18 0	0 1	6-May.	1863
3000	Dying	wm (lead) , Wales	12	6 6				0 17 6	0 2	6-Jan.	
512	East B	maset (cor	.), Redruth [8	.E.] 29	10 0	221/2	21 23		0 0		0-Nov.	1864
126	East P	ool (tin, c	copper), Pool, I	Hogan 24	5 0	- **			10 0		0-June,	1864
118	Great V	WORK (tin), Germoe	100				16	0 0	5 0	0-Aug.	1864
10240	Gunnis	lake (CH	tters'Adit) (c	opper) 4	3 0			(3 0		6-Mar.	1862
2000	Maes-y	-Sam (les	d)[L]	****** 20	0 0				0 0		0-Oct.	
640	Mount	Pleasant	(lead), Mold,	4	0 0				18 1		6-Aug.	
40000	Mwynd	y (iron or	re) [L. £4] [S.	E.] 3	0 0				4 0		0-April	,1864
250	Nanty !	Mines (1e	ad), Montgome	ery 20	0 0				0 0		0-June,	
2836	North I	res kerby	(copper),St.	Agnes 1	9 0	3% 3	14 3%		13 0		6-Feb.	
\$000	Orsedd ((lead),Fi	intahire	0	0 8				10 4		8-Mar.	1862
1772	Polberr	o(un),si	.Agnes	15	0 9				19 6		0-Nov.	
913	Polbree	n (un), s	t. Agnes	******* 8	0 0				0 0	1 0	0-July,	1863
513	South 1	oigus (co	p.), Redruth .	9	10 0	6	4.5		10 0		0-May,	
4000	S. WIL.	Frances (cop.), Illogan	[S.E.] 18	18 9		14 15		13 6		0-Nov.	
940	St. Ives	Consols	(tin), St. Ives	******* 14	0 0 6	d					0-Mar.	
879	Trelvon.	Consola	(tin), St. Ives	******* 8	19 0						0-May,	
1000	Trampa	t Consols	(tin), near H	alaton 11 1	0 0	6 -					0-Sept.	
4900	Vig Ta At	d Clogat	(copper)[L.	eston. II	0 0			11	0 0	2 0	0-Mar.	1860
256	West De	mael (co	pper), Gwenne	20] 0	0 0			. 6	2 6	1 10	0-Mar.	1864
1000	Wheal F	lasset and	Grylls(tin)	· · · · · · · · · · · · · · · · · · ·		av.					0-Nov.	
1094	Wheal 8	Litty (tin), Uny Lelant	FG # 1 9	0 0			. 3				1863
512	Wheal J	lane (silv	er-lead), Kea	[0.4.]	0 0	- ::		- 10			s-July,	
896	Wheal M	(argaret	tin), Uny Lela	nt 19 1	7 6			. 15			0-Aug.	
100	Wheal 3	dary (tin), Lelant	36	9 4		87.	76			0-May,	
80	Wheal O	wies (tin), St. Just, Co	rnwall 70	0 0	••	•	288	5 0		0-Mar. 0-May.	1864
2044	Wheal T	remayne	(tin), Gwinea	F 6 1	1 2	•••		. 343				
8000	Wharfed	ale Minin	g Company [L	.10.1. 0	5 6	••					Nov.	1864
2000			Luch In		0 040 -					0 0 6	S-Jan.	1001

FOREIGN DIVIDEND MINES.

12000	Cape Copper Mining [L.£10] [S.E.] 7 0 0 1 Cobre Copper Co. (cop.), Cuba [S.E.] 40 0 0 1	1114 11 1114	**	2 2	6 0 17	6-June,	1865
15000	East Indian Coal , Calcutta L. 1 10 00					-	1090
25000	Fortuna (lead), Spain [L.] [S.E.] 2 0 0	316		1 3	0 3	0-Feb.	1866
10000	Gonness (lead) [L.] [5000 £5 paid, 5000 £1 paid] -					per annum	
15000	Linares (lead), Spain [L.] [S.E.] 3 0 0	21/2				0-Jan.	
10000	Lusitanian (Portugal) [S.E.] 2 0 0		••			0-June,	
9275	New Wildberg (lead) 2 0 0					0-Aug.	
\$0000	Panulcillo (copper) [L. £4][S.E.] 3 0 0					- Year	
10000	Pontgibaud(sillead), France[S.E.]20 0 0			2 19	8 0 16	8-Dec.	1865
97500	Port Phillip (gold), Clunes [S.E.] 1 0 0 1	11/4		0 14 6	3 0 1	0-Jan.	1866
20000	Scottish Australian Mining Co [L. £1] 1 0 0			0 0 8	3 0 0	3-Jan.	1866
11000	St. John del Rey [L.], Brazil [S.E.]. 15 0 0 5	5 53 55		64 15 (0 1 0	0-Dec.	1865
40000	Victoria (London) [L.] [25000 £1 pd., 25000 7s. 6d. pd.				r cent.		
\$0000	West Canada Mining Co. [L.] [S.E] 1 00			0 19 6	0 2	6-May,	1865

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000	Alten and Quanangen Uni.(eop.)[L.£5]4	10	0	_	**								0-Nov.		
20000	Australian (cop.), S. Australia [S.E.] 7	7	6	-				0	1	0	0	1	0-Dec.	1863	
2464	Burra Burra (cop.), South Australia. 5	0	0	*****			**						0-Dec.		
10000	Copiapo Mining Company, Chili [S.E.] 16	0	0	-				6	18	0	0	10	0-Nov.	1869	
100000	Don Pedro No. Del Rey[L. £1] [S.E.] 0	14	0	18a.	1	4g. 18g.	-						9-Dec.		
70000	English and Australian 5	-0	0	14			••								
95000	Gan Mining Asson Non-Gentle Com too	0	0	A 79									0-Aug.		
20000	Gen. Mining Assoc., Nova Scotia[S.E.]20	0	0	22		20 23		21	10	0	1	0	0-June.	1864	
68000	Kapunda Mining Co., Australia [S.E.] 1	0	0	7/4									0-June,		
303815	Mariquita and New Granada [S.E.]., 1	0	9				••		**		0		o oune,	1004	
200010	The state of the s	v					-	0	9	6	0	1	6-July,	1859	
43174	United Mexican(sil.), Mexico[S.E.] 28	- 5	0	3		2 3			10	0	0	8	0-Sept.	1004	
1 0000	Vancouver (coal) [L. £10] 5	0	0	-			••								
40000	. muron. or (nomi) [mi men)	U	U					0	15	0	U	- 6	0-Nov.	1864	
45000	Vudanamutana (con.) S. A. T. 179 P 1 9	0	0	11/		9/ 11/									i

NON-DIVIDEND FOREIGN MINES.	
Shares. Mines. Paid. Last Pr. Bus. done. Last Call.	1
40000 Alamilios (18ad), Spain L. 42178 E. 1	1
	1
2000 Caputa (Street), McXICO L. X2 S.E	1
	1
10000 Copiapo Smelting [L.], Chili	1
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	l i
24000 Hirdostan (copper), Bengal [L. 481]	11/
24000 Hindostan (copper), Bengai [L. £5]	1 "
100000 Montes Aureos (gold), Brazil [L.] [S.E.]	1 2
	1
	1 :
15000 Otea (copper) New Zealand [L. £2][5000 fully paid] 1 50 14 14. Sept. 1865	16
15000 Pachuca Silver Minier Company Martin 201 2010 78119 paid 1 50 11/4 11/4 Sept. 1865	10
15000 Pachuca Silver Mining Company, Mexico [L. £1]	9
6000 Peel River Land and Minerai [Limited]	6
23000 Quebrada (copper), Venezuela [L. £10]	3
10178 Rhenish Consolidated (lead) [6000 £5 paid, 417830s. paid.]	20
50000 Rossa Grande (gold), Brazil [L. £1] [S.E.]	- 4
45000 Victor Emanuel (copper), Italy [L.]	
	L
	44
Fully paid,	

PRO	GRESSIVE	MINES
- 400	O TO TO THE TO	HALL IN AUGO

•	PROGRESSIVE MINES.	Shares. Mines.	Paid. Last Pr. Bus. do
	Shares. Mines. Paid. Last Pr. Bus. done. Last Call.	6400 No. Pool (tin & cop.), Illogan. 700 N. Roskear(cop.), Camborne 6144 North Rosewarne(copper)	4 2 6 12 14
	8200 Bedol Aur (lead), Holywell 1 0 0	2000 No. Shepherd (lead), Newlyn	5 10 0 -
ast paid ag. 1865	8000 Bellinger Hill Co Fully paid.	6000 N. Wh. Basset(cop.,tin)[S.E.] 5610 North Wh. Crofty(cop.)[S.E.] 5000 No. Wh. Metal (tin), Breage	1 0 0
n. 1865 n. 1866	5000 Bottle Hill(tin) Plympton . 1 12 6	6144 N. Wh. Robert, Samp. Spiney 12288 Okel Tor (cop.), Calstock	2 3 10 ::
b. 1865 be 1865	3000 Caldbeck Felis (lead) [L. £2]. 0 15 0. —	9000 Old Gunnisiake (cop.) Calstock 6400 Par Consols (copper) [S.E.] 6000 Par & St. Biazey Cons. (tin, cop.)	1 14 0
n. 1866 c. 1865	4600 Camborna Vaan & Wh Franciski 0 10 10	8465 Pedn-an-drea (tin), Redruth. 5000 Pendeen Cons. (cop.), St. Just 4000 Penhale Wheal Vor (tin, cop.).	4 19 6 134
r. 1866 1. 1866	914 Caradon Cons. (con) St Clear 30 3 8	5000 Penhalls (tin), St. Agnes	2 18 0
ne, 1865	4000 Cardigan Consols [L. £5]	512 Penhallow Moor (sliver-lead). 6000 Penralt (sil. ld.), Merion.[L.] 200 Pentre Lygan (lead) [L. £30]	9 10 0
1. 1866 1. 1866 1. 1866		10000 Prince Arthur Cons. (lead), [L.] 12800 Prince of Wales (tin), Calstock	2 0 0
2. 1865 2. 1865	6400 Cashwell (lead) [L. £3] 2 10 0Jan. 1865	12000 Prosper Uni.(tin.cp.),St.Hilary 12000 Redmoor(cop.,tin),Callington	8 4 0
1865	2500 Cantral Minera (1940) 2 12 0	6000 Possing Water [I. 43]	9 0 0
1865 1866 1865	6000 Central Snailbesch (lead) 1. 3 0 0 15g. 11g 15g Fallypaid. 3:00 Chiverton (lead), Perranzabu. 7 17 6. 8 6 8 6 Fallypaid. 3:00 Chiverton Moor (lead) 4 6 0 7 14 6 6 6 Fallypaid. 3:00 Chiverton Moor (lead) 4 6 0 7 14 6 6 6 7 Fallypaid. 3:00 Chiverton Moor (lead) July 1866 4:00 Clara Unit. Ponterwyd (L. 23) 2 10 0 July 1865 3:072 Clear's Hill(thm N. Stephen's 0. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6000 Reinnie Laxey (lead), [L. £6]. 5000 Rhafna (lead), Carnary. [L. £1] 6000 Restriggian (iron), St. Wenn 2003 Rosseliff and Tolcarne [L. £10].	5 0 0 =
1866	600 Clara Unit. Ponterwyd [L.±3] 2 10 0. —	8998 Rosewarne Consols (copper) 6000 Rosewall Hill and Ransom	3 8 6
v. 1865	787 Ciliah & Wentworth (tin on) 34 19 0	3848 Rosewarne United (cp., tin) 6000 Roskear (copper) . Camborne	0 10 0
	0900 Connertee (con sulph) [L.] 5800 £1pd., 10700 168.pd.] Feb. 1865	667 Roskearnowth (cop.), Camborne 800 Seglenlas, Montgomery [L. £8]	6 50
1866 1866	861 Crane (copper), Camborne 29 19 6 Nov. 1865	30000 Snaefell (lead) Isle of Man [L.£1] 4096 Sithney Wheal Metal (tin) 12000 Sortridge Cons. (cop.) [S.E.].	3 17 6 11/6
1866	2000 Crelake (cop.), Tavistock 3 1 0	6000 S. Alfred Cons. (cop.), Phillack	1 0 0
1866		512 South Basset (cop.), Gwennap 2: 100 South Bryn Gwiog (lead) : 6000 So. Buller (copper), Gwennap (0 14 0
1866 3	5000 Caddra (cop., tin), St. Austell 4 12 6	1024 South Callington (silver-lead) 4096 S. Caradon Wh. Hooper (cop.)	4 19 0
		6000 South Carn Brea (cop.) 6138 S. Condurrow (tin,cp.), Camb. 3283 Sou. Crenver (cop.), Crowan. 1	9 6 234s. 36s.
	656 Ding Dong (tin) Gules 49 14 8	5000 S. Dolcoath & Carnarthen Con. 1	114 6
1866	1000 Dundalk (copper, lead), [L. £1] 0 10 0 —	5000 So. Exmouth (id.), Christow. 5000 S. Foxdale(id.), LoiMan [L.£6] 2000 South Gorland (copper)	3 10 0 — ···
1865			
1	000 East Buller (copper) 2 0 0 —	2000 South Lovell (tin), Wendron	0 0 ::
1 6	000 E. Grenville (cop.), Camborne 2 19 0 3% 3 3% Feb. 1866	5325 So. Phoenix (cop.) Linkin 7 5210 South of Scotland [L. £1] 0	1 4 ::
6	145 East Jane(silld.) Cardinham 2 17 6. 36. April 1865	937 to, Wh. Crofty (cop.), illogan 24	10 10. 16 13 15 .
1864 0	000 E.Polberro(tin)[L.£1][4000£1pd, 400012s, 6d.pd.]Nov. 1884 4986 E. Providence(tin), Uny Lel. 4 12 9Jan. 1866	400 So. Wh. Kitty (tin), St. Agnes 1 400 So. Wh. Seton (cop.), Camborne 68	13 0
1864 6	000 East Tresavean		12 0
1864 6	000 East Tamar (silver-lead) 0 6 8	000 St. Cuthbert Lead Smeit. [L.] 5 000 St. David's (gold) [L. £210s.] 1	0 0 ::
1857	90 E. Wheal Agar (con) St. Clear 12 17 0 Jan 1888	760 St. I ves Wheal Ailen (tin) 16	17 0
1862 2	00 E Wh Russell Towle (4 F 1 11 3 0 3 93/ 3 fee 1880 70	000 St. Just Untd. (tin) [L. 2]. 2 000 St. Just Consols (tin) [L. £1] 1 000 Stiperstones (id.), Salop [L.£10] 3	10 0
1863 156	100 Eller Untd. (con gine) [1. 42] 1 0 0	920 Stray Park (cop., tin) [S.E.]. 37 000 Swincombe Vale (tin) [L. £1] 0	12 6
1864 61	44 Esther Und. (tin), Cardingham 0 6 3 July, 1865 30	500 Tin Hill (tin), St. Austeil 1 000 Tolcarne (cop.), Camborne 2	14 0
1864 60 1862 9	40 FoweyCon.(cop.) Tywardreath 4 15 0 500	000 Tolvadden (copper), Marazion 1 000 Trelogan (lead), near Holywell 10 007 Trencrom (tin), Uny Lelant. 13	0 0 10
1862 100	00 Fursdon (cop.), [L.] [5000 £1 10s. paid]Mar. 1865	501 Tresavean and Trethurrap 15	12 6
1864 40 1864 40	96 Garlidge Unid (tin) Wandron 5 7 7 Peb 1986 44	140 Trevenen and Tremenheere . 7 196 Treweatha(silld.), Menhen. 6	11 0
1862 60 1863 50	00 Gen. Min. Co. for Irel. (cop.) 4 0 0	43 Treworlis (tin), Wendron 9	2 10
1863 300 1863 60	00 GlasgowCaradonCon.(cp.)[L.] 1 0 0	00 Tyne Head (tin & cop. [L. £1] 0 :	17 6
1863 20	44 Gonamena (copper), St. Cleer. 5 2 0 Jan. 1866 40	24 Wendron Cons.(tin), Wendron 24 00 Wentnor [L. £2½] (lead) 2 00 Wentworth Consols (lead) 3	0 0
1864 4 1864 4 1860 41	W Great Brigan (con) Redruth 6 18 0 May 1868 2000	00 Weish Gold, Dolgelly [L.] 1	0 0
864 100	66 Great Caradon (eop.), St. Ive. 3 4 0 — Jan. 1866 (0 Great Devon and Bedford (L.), 2 5 0 — July, 1865 100	80 West Burren Gill(lead) 50 24 West Caradon (cop.), [S.E.]. 12	0 0 9 714 814
864 500	00 Gt. East Lovell (tin), Helston 1 10 0	00 West Cwm Erfin (lead) [L] 2	0 0
863 4000	00 Great North Downs (copper). 4 18 0 2 4 1 2 Jan. 1866 121 10 Gt. Northern of Ireland [L. £1] 0 10 0	ls W.Condurrow(tin,cop.), Cam. 9 1 00 W.Great Work(tin),Germoe 3	3 0
864 600	0 Gt. No.Laxey(I.ofMan)[L.£1] 0 10 0 2%2½ 2¾Feb. 1865 1200 0 Gt. Retallack (silid., blende) 2 8 6 — July, 1865 50 0 Great S. Chiverton (sillead) 1 5 0 ¾ ¼ ¼Jan. 1866 100	00 W.Maria & Fortescue, Lamerton 3 00 West Nanty (lead) [L.] 10 00 W.Rose Down (cop.), Caradon 15	0 0 – .:
864 600	0 Gt. So. Toigus (cop.), Redruth 0 14 5 1/8 1 1/	6 West Sharp Tor(cp.) Hillston. 180	2 6
1 300	0 Great West Chiverton (lead) 1 0 0 June, 1864 51:	2 West Tolgus (cop.), Redruth. 47 2 West Wh. Frances (cop.), Illo. 102	5 0 50 55
		0 West Wh. Kitty(tin), St. Agnes 0 0 W. Wh. Martha(cp. &sil.)[La £2] 1	5 0 –
1000	Great Wh. Metal, Breage [L.]. 2 0 0 May, 1865 4096	0 W. Wh. Prosper (tin), Lanivet. 5 16 West Wheal Vor (tin), Heiston 1 14 0 Wheal Agar (copper), Illogan 6	
366 250 400	O Grit and Stapeley (lead), [L.] 10 0 0 July, 1864 3000 O Grylis Wheal Florence (tin) 1 6 6 Jan. 1866 513	0 Wheal Albert (lead)	0 0 28 26 28M
606	Gwydyr Park Con., Llanrwst 1 11 6 Feb. 1866 1000 Hallenbeagle (copper)	WhealCrebor(cop.), Crowan. 14	5 4 J
65 5000	Harwood (ld.), Durham [L.£1] 0 6 0	Wh.Damsel(cp.,tin),Gwennap 2 15 Wh.Edward (cop.), Calstock. 9 1	6 –J
10000	HazelGrove(silid.)[L,£1]Fiint 0 7 6 4000	Wheal Emily Henrietta (cop.) 15 0 Wh. Emma (cp) Buckfastleigh 3 16 Wh. Grenville (copper) [8.E.] 9 3	0
65 5000	Hilogan (tin and copper) 0 17 0 1865 1024 Kelly Bray (con) Callington 5 7 6 June, 1865 8120	Wh. Grylls (tin), Perranuth. 9 1 Wh. Harriett (cop.), Camborne 5 3	6
65 6000	Lady Bertha (cop.) [S.E.] 3 13 0 5% 36 58 Jan. 1866 4096	Wheal Hartley (cop.), Gwinear 2 7 Wheal Hope (silid.), Perran 3 13	7 2Ja 9 2
8000		Wheai Ida (sitlead), St. Ive. 0 16 Wheai Lovell (tin), Wendron 9 0	0 —Ja
963	Lelant Cons. (tin), Unv Lelant 35 0 0 mar. 1863 723	Wheal Margery (tin.copper) 22 4	10. 3Ja
00004	Liantwit Vardra (coal) 77. 651 4 10 0 May, 1864 1000	Wh. Mary Hutchings (Plymp.) 1 2	6 se
6000	Maudin (copper), Lost withial 4 7 U	Wh. Norris(tin,cp.),St.Cleer 4 6 Wh. Poliard(cop.),St.Neot's 3 3 WhealPar(tin),St.Biazey 8 8	UJar
P# (2000	Minera Western Roundary II. £110 2 6 Sept. 1868 970	Wheal Polmear (copper) 7 13 Wh. Prosper (cp., tin), Breage 14 18 Wh. Reeth (tin), Uny Lelant 106 10	9 —Au 10. —De
4 1024	Nangiles (tin. copper), Kes 23 15 0 5 6 5 Jan. 1866 1500	Wheal Sarah (tin), Lanivet 0 18 Wh. Sithney & Carnmeal Uni. 15 5	8Ju
		Wheal Sparnon (copper) 1 13	0 Jar
6400	N. Crow Hill (ld.), St. Stephen 3 0 0	Wh. Trannack (cop.), Sithney 1 12 Wh. Trevenna (tin, cop.) [L.£10] 6 10 Wheal Truscott	U
6514	New East Birch Tor (tin) 1 2 6 June, 1865 6000 New E. Russell (con.), Taylatk. 0 9 6 18 Nov. 1865 6000	Wheal Union (cop.), Redruth 4 18 Wh. Unity (cop., tin), Gwinear 4 6	6 —
400	New Hendra (tin.con.) Rreage 10 11 0	Wh. Uny (tin,cop.), Redruth 10 0 (Wheal Viow (tin) 1 5	0 21¼ 1¾Jan 0 – Nov
6000	NewRosewarne(cop.), 3 winear 3 10 0 —	_	
6000 5775	New Treburget (copper) 0 14 0	MISCELLANE	ous.
960 470	New Trevenen (tin), Wendron 8 4 0 July 1865 Newtownards Min. Co., Down 50 0 0 25000	Bolekow, Vaughan [L. £100] 17 10 0	22 23 26
1024	New Who. Grylls (tin and cop.) 2 1 6	Canada Company	. 814. 8 814
400	New Wheal Martha (cop.) [L.] 1 0 0	Ebbw Vale Iron Co. [L. £80] 20 0 0 Fairbairn Engineering [L.£10] 5 0 0	634534 634
1024	North Buller (cop.), Redruth 18 10 6. —	Ebbw Vale Iron Co. [L. £80] 20 0 0 Fairbairn Engineering [L.£10] 5 0 0 Fore-street Warehouse [L.£20] 8 0 0 Gen.Cred.& Fin.Lond.[L.£20] 4 0 0 Gen.Cred.\$ Steep Navigation 14 0 0 General Steep Navigation 14 0 General St	1110% 11
5000	T Doleanth (con) Co home 2 12 6 14 16 16 16 1865 100000	Importal Moreon Cred II. 4507 & 0 0.	6 . 514 KI4
2500	North Frances (copper) 4 2 6	Inter. Financial Soc. [L £20]. 5 0 0. Internat. Land Cred. [L. £20] 6 0 0. Joint-Stock Discount [L. £25] 10 0 0.	5%4% 5% 6 5% 6 — 1% 2
16000	Figure 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	London Dist. Telegraph [L. 20] 0 U.	. 2
2000 2	T. Levant (tin, cop.),St. Just. 10 3 0 Sept. 1865 40000	London General Omnibus [L.] 4 0 0. London & Glas. Engl. [L. £50] 15 0 0. Millwall Ironworks [L. £50] 5 0 0. Overend,Gurney,&Co.[L. £50] 15 0 0.	. 13 9 11 4¼3¼ 4¼
20000 2	Fally paid. 100000 (7. Phænix(cop.), Linkinghorne 4 4 0	Overend,Gurney,&Co.[L.£50] 15 0 0. Royal Mail Steam [L.£100] 60 0 0.	. 19% 17% 18
	Those mines with [S.E.] appended have been admitted on the Stock Exchange		
1	Limited Liability.		

Jan. 1866		
July 1865		
**	25000 Bolekow, Vaughan [L. £100] 17 10 0 22 23 26)
May, 1863		
Aug. 1865	20000 City Offices [L. £50] 10 0 0 7 6 7	4
Fully paid.	100000 CreditFon.&Mob.Engl.[L.£20] 5 0 0 814 8 814	
.Jan. 1866	80000 Ebbw Vale Iron Co. [L. £80] 20 0 0 18%18 18%	4
May, 1864	25000 Fairbairn Engineering [L.£10] 5 0 0. 634534 634	
Sept. 1865		
.Feb. 1866	250000 Gen.Cred. Fin.Lond.[L.£10] 4 0 0 5144% 4%	
Jap. 1866	20000 General Steam Navigation 14 0 0 28 26 28	
Sept. 1865	100000 Imperial Mercan.Cred.[L.£50] 8 0 0 65 1/4 51/4	
Nov. 1865	150000 Inter. Financial Soc. [L £20]. 5 0 0 5% 4% 5%	
Dec. 1864	300000 Internat. Land Cred. [L. £20] 6 0 0 6 5 6	
Feb. 1866	80000 Joint-Stock Discount[L. £25] 10 0 0 156 2	
July, 1865	12000 London Dist. Telegraph [L. £5] 8 0 0 2	
Nov. 1865	148525 London General Omnibus [L.] 4 0 0 8% 8 34 3 4	•
	5000 London & Glas. Engl.[L.£50] 15 0 0 13 9 11 .	
Sept. 1865	40000 Millwall Ironworks [L. £50]. 5 0 0 414314 414 .	
Fully paid.	100000 Overend, Gurney, & Co. [L. £50] 15 0 0 19141734 18 .	!
		1
May, 1864	10000 noyat mait pressur for secolit on a cut and trata in	4

*• Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by forwarding any alterations or correction which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appeal is information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet ready attention.

London: Printed by Eighard Middleton, and published by Herry English (the proprietors at their office, No. 26, Fluer Street, E.C. where all communications are requested to be addressed.—March 10, 1866.